refiners such as itself, who grew by normal business practice, being disqualified as small refiners. The refiner suggested that we clarify the language and include provisions for continuance of small refiner flexibility for refiners who qualified under the Highway Diesel Sulfur rule (and have not been disqualified as the result of a merger or acquisition).

iii. Comments on the Baseline Approach

A coalition of small refiners provided comments on a few aspects of concern. The small refiners believe that the fuel segregation, and ensuing marking and dying, provisions are quite complex. One small refiner believes that mandating a minimum volume of NRLM production would conflict with the purpose of maintaining adequate on-highway volumes of 15 ppm sulfur fuel and unnecessarily restricts small refiners, and offered suggestions in their comments on how to improve the language. In addition, the small refiner believes that mandating a minimum volume of NRLM production would conflict with the purpose of maintaining adequate on-highway volumes of 15 ppm sulfur fuel and unnecessarily restricts small refiners, and offered suggestions in their comments on how to improve the language.

iv. Comments on Small Refiner ''Option 4''

A coalition of small refiners commented that if the final rule is not issued before January 1, 2004, a provision should be made to accommodate those small refiners planning to take advantage of the proposed small refiner ''Option 4'' (the NRLM/Gasoline Compliance option). A small refiner echoed the concerns of the small refiner coalition, commenting that delayed finalization of the final rule would undermine the benefits of small refiner flexibility Option 4. The small refiner is concerned that a delay in issuing the rule, and subsequent delay in the opportunity to apply the interim gasoline flexibility, would negate its opportunity to take full advantage of the credits the refiner now has, as it would not be able to comply with the 300 ppm cap. The small refiner suggested that we allow small refiners to apply for temporary relief and operate under the Option 4 provision. Another small refiner commented that, in the NPRM, it was unclear if a small refiner could elect to use any or all of the first three of the small refiner provisions if it did not elect to use Option 4. Further, the refiner understood that if Option 4 was chosen, a small refiner could not use any of the first three options. The refiner believes that it is important that a small refiner be able to use Options 1, 2, and 3 in combination with each other, and stated that we need to clarify the intent in the final rule. The small refiner also commented that the provisions in 40 CFR 80.553 and 80.554 are not clear and should be revised to clarify their intent. Specifically, the refiner questioned whether or not a small refiner who committed to producing ULSD by June 1, 2006 in exchange for an extension of its interim gasoline sulfur standards (under 40 CFR 80.553) could elect to exercise the options allowed under 40 CFR 80.554.

A small refiner raised the concern that the small refiner Option 4 only provides an adjustment to those small refiners whose small refiner gasoline sulfur standards were established through the hardship process of 40 CFR 80.240. The small refiner suggested that we finalize a compliance option that allows a 20 percent increase in small refiner gasoline sulfur standards be extended to all small refiners, not just those with standards established pursuant to 40 CFR 80.240(a), and offers suggested language in its comments.

v. Comments on Emission Impacts of the Small Refiner Provisions

A state environmental group commented that the provisions for small refiners raise substantial environmental concerns. The group is concerned that these provisions will allow small refiners the ability to produce gasoline with an unknown sulfur content for an unknown length of time; this fuel may then be sold at the refiner's retail outlet, and may become the primary fuel for some vehicles, which alters vehicle fleet emissions performance. This environmental group also commented that the absence of any process of notification regarding small business provisions to notify States of these provisions is troubling. The concern is that these deviations from fuel content that affects fuels consumed in states that use emissions inventories for air quality planning purposes, and can significantly alter inventories. The group suggested that in the future there should be greater communication from us regarding decisions that impact the quality of fuels consumed in a state, and thus impact the quality of that state's air.

Another state environmental group commented on the flexibility provisions for small refiners; the group is concerned that the exemption will not have a minor effect on the nation's fuel supply, as the state is an intermountain western state. The group comments that the impact of this exemption is concentrated in these states, namely Washington and Oregon—states which are served primarily by refineries that will be allowed to delay compliance with the ULSD standards until 2014. Therefore, the group commented, residents of these areas are denied air quality benefits equivalent to those promised the rest of the country. Those seeking to purchase and use equipment in these areas will be subject to the ULSD standard regardless of fuel supply and availability in their area, would be faced with misfueling, deferring purchase of new equipment, or paying a premium for a ''boutique'' fuel.

vi. Comments on Inclusion of a Crude Capacity Limit for Small Refiners and Leadtime Afforded for Mergers and Acquisitions

A non-small refiner supported the inclusion of the 155,000 bpcd limit, but suggested that we limit the provision of affording a two-year leadtime to small refiners who lose their small status due to merger or acquisition to the case where a small refiner merges with another small refiner. Further, the refiner commented that it would be inappropriate to allow such small refiners to be able to generate credits for ''early'' production of lower sulfur diesels during this two-year leadtime. Lastly, the refiner commented that a small refiner which acquires a non-small refiner, and thus loses its small refiner status, should not be eligible for hardship provisions. Another commenter stated that if we were to finalize the 155,000 bpcd limit, we should not apply it in cases of a merger between two small refiners. The commenter further stated that a merger of two small companies in a hardship condition does not imply improved financial health in the same way that an acquisition would. Another non-small refiner commented that it supports the two-year lead time for refineries that lose their status as a small refiner; the refiner believes that any refiner with the financial wherewithal to acquire additional refineries to allow its crude capacity to exceed 155,000 bpcd should not be able to retain status as a small refiner.

vii. Necessity of Small Refiner Program

A non-small refiner provided comment on the NPRM stating the belief that the proposed provisions for small refiners are not practical. The refiner is concerned that having provisions for small refiners adds a level of complication, results in emissions losses, increases the potential for ULSD contamination, and create an unfair situation in the marketplace. Similarly,

another non-small refiner and a trade group representing many refiners and others in the fuels industry commented that they oppose the extension of compliance deadlines for small refiners, as this can result in inequitable situations that may affect the refining industry for some time and can put the distribution system at risk for contamination of lower sulfur fuels. They further stated that all refiners will face challenges in complying with the upcoming standards and would not significantly alter the business decisions that small refiners would make. They also stated that non-small refiners face similar issues with their older and/or smaller refineries, but will not have the benefit of being able to postpone making these decisions as small refiners will.

viii. Comments on Fuel Marker

We received comments from terminal operators stating that the proposed heating oil marker requirements would force small terminal operators to install expensive injection equipment and that they would not be able to recoup the costs.

3. Types and Number of Small Entities

The small entities directly regulated by this final rule are nonroad diesel engine and equipment manufacturers, nonroad diesel fuel refiners, and nonroad diesel fuel distributors and marketers. These categories are described in more detail below, and the definitions of small entities in those categories are listed in table X.C–1 above.

a. Nonroad Diesel Engine Manufacturers

Before beginning the SBREFA process, EPA conducted an industry profile for the nonroad diesel sector. We have not received any new information since that time and we continue to believe that this is a valid characterization of the industry. Using information from the industry profile, EPA identified a total of 61 engine manufacturers. The top 10 engine manufacturers comprise 80 percent of the total market, while the other 51 companies make up the remaining 20 percent. [252] Of the 61 manufacturers, four fit the SBA definition of a small entity. These four manufacturers were Anadolu Motors, Farymann Diesel GMBH, Lister-Petter Group, and V & L Tools (parent company of Wisconsin Motors LLC, formerly ''Wis-Con Total Power''). These businesses comprised eight percent of the total nonroad engine sales for the year 2000.

b. Nonroad Diesel Equipment Manufacturers

We also used the industry profile to determine the number of nonroad small business equipment manufacturers. EPA identified over 700 manufacturers with sales and/or employment data that could be included in the screening analysis. These businesses included manufacturers in the construction, agricultural, mining, and outdoor power equipment (mainly, lawn and garden equipment) sectors of the nonroad diesel market. The equipment produced by these manufacturers ranged from small walk-behind equipment (sub-25 hp engines) to large mining and construction equipment (using engines in excess of 750 hp). Of the manufacturers with available sales *and* employment data (approximately 500 manufacturers), nonroad small business equipment manufacturers represent 68 percent of total nonroad equipment manufacturers (and these manufacturers accounted for 11 percent of nonroad diesel equipment industry sales in 2000).

c. Nonroad Diesel Fuel Refiners

Our current assessment is that 26 refiners (collectively owning 33 refineries) meet SBA's definition of a small business for the refining industry. The 33 refineries appear to meet both the employee number and production volume criteria mentioned above. These small refiners currently produce approximately 6 percent of the total high-sulfur diesel fuel. It should be noted that because of the dynamics in the refining industry (*e.g.*, mergers and acquisitions), the actual number of refiners that ultimately qualify for small refiner status under the nonroad diesel sulfur program could be different than this assessment.

d. Nonroad Diesel Fuel Distributors and Marketers

The industry that transports, distributes, and markets nonroad diesel fuel encompasses a wide range of businesses, including bulk terminals, bulk plants, fuel oil dealers, and diesel fuel trucking operations, and totals thousands of entities that have some role in this activity. Over 90 percent of these entities meet small entity criteria. Common carrier pipeline companies are also a part of the distribution system; 10 of them are small businesses.

4. Reporting, Recordkeeping and Other Compliance Requirements

This section describes the expected burden of the compliance requirements (for all manufacturers and refiners) for the standards being finalized in today's action.

a. Nonroad Diesel Engine and Equipment Manufacturers

For engine and equipment standards, we must have the assurance that engines and/or equipment produced by manufacturers meet the applicable standard, and will continue to meet this standard as the equipment passes through to the ultimate end user. We are continuing many of the reporting, recordkeeping, and compliance requirements prescribed for nonroad engines and equipment, as set out in 40 CFR part 89. These include, certification requirements and reporting of production, emissions information, use of transition provisions, etc. The types of professional skills required to prepare reports and records are also similar to the types of skills that were needed to meet the regulatory requirements set out in 40 CFR part 89. Key differences in the requirements of today's rule as related to 40 CFR part 89 are the additional testing and defect reporting. We are finalizing an increase in the number of data points (*i.e.*, transient testing) that will be required for reporting emissions information. Also, as proposed, we are requiring additional defect reporting for Tier 4 and later engines. We are requiring that manufacturers report to us if they learn that a substantial number of their engines have emission-related defects. This is generally not a requirement to collect information; however if manufacturers learn that there are or might be a substantial number of emission-related defects, then they must send us information describing the defects.

b. Nonroad Diesel Fuel Refiners, Distributors, and Marketers

For any fuel control program, we must have the assurance that fuel produced by refiners meets the applicable standard, and that the fuel continues to meet this standard as it passes downstream through the distribution system to the ultimate end user. This is particularly important in the case of diesel fuel, where the aftertreatment technologies expected to be used to meet the engine standards are highly sensitive to sulfur. Many of the recordkeeping, reporting and compliance provisions of the today's action are fairly consistent with those in place today for other fuel programs,

[252] All sales information used for this analysis was 2000 data.

including the current 15 ppm highway diesel regulation. For example, recordkeeping involves the use of product transfer documents, which are already required under the 15 ppm highway diesel sulfur rule (40 CFR 80.560). Under today's final rule we are adding additional recordkeeping and reporting requirements for refiners, importers, and fuel distributors to implement the designate and track provisions. However, interactions with parties from all segments of the distribution system indicated that the records necessary were analogous to records already kept as a normal process of doing business. Consequently, the only significant additional burden would be associated with the reporting requirement.

General requirements for reporting for refiners and importers include: registration (only in the case where a refiner or importer is not registered under a previous fuel program), pre-compliance reports (on a refiner or importer's progress towards meeting the nonroad diesel fuel requirements as specified in this rule), quarterly designation reports, and annual reports. All parties from the refiner to the terminal will be required to report volumes of designated fuels received and distributed, as well as compliance with quarterly and annual limits. All parties in the distribution system are required to keep product transfer documents (PTDs), though refiners and importers are required to initially generate and provide information on commercial PTDs that identify the diesel fuel with meeting specific needs (*i.e.*, 15 ppm highway diesel, 500 ppm highway diesel, etc.). Also, refiners in Alaska and small refiner/credit fuel users must report end users of their fuel. These end users must also keep records of these fuel purchases. Lastly, small refiners are required to apply for small refiner status and small refiner baselines.

In general, we are requiring that all records be kept for at least five years. This recordkeeping requirement should impose little additional burden, as five years is the applicable statute of limitations for current fuel programs.

See section X.B, above, for a discussion of the estimated burden hours and costs of the recordkeeping and reporting that will be required by this final rule. Detailed information on the reporting and recordkeeping measures associated with this rulemaking are described in the Information Collection Requests (ICRs) for this rulemaking—1897.05 for nonroad diesel engines, and 1718.05 for fuel-related items.

5. Regulatory Alternatives To Minimize Impact on Small Entities

Below we discuss the Panel recommendations, EPA proposals, and final regulatory alternatives to minimize the rule's impact on small entities. More detailed information on the provisions for these entities can be found in sections III.C and IV.B of this preamble (for small business engine and equipment manufacturers and small entities throughout the fuel distribution system, respectively).

a. Panel Recommendations

During the SBREFA process, the Panel recommended transition flexibilities that we considered during the development of the NPRM. The Panel recommended provisions for both the one-step and two-step options. Since we are finalizing a two-step approach, only the recommendations for this approach are being discussed here. (A complete discussion of all of the Panel recommendations and our proposals for small entities is located in section X.C. of the NPRM.)

Following the SBREFA process, the Panel (or some Panel members), recommended the following transition flexibilities and hardship provisions to help mitigate the impacts of the rulemaking on small entities. We proposed and requested comment on these recommendations in the NPRM.

i. Panel Recommendations for Small Business Engine Manufacturers

For nonroad diesel small business engine manufacturers, we proposed the following provisions:

- A manufacturer must have certified in model year 2002 or earlier and would be limited to 2500 units per year to be eligible for all provisions set out below;
- For PM—

—Small engine manufacturers could delay compliance with the standards for up to three years for engines under 25 hp, and those between 75 and 175 hp (as these engines only have one standard)

—small engine manufacturers have the option to delay compliance for one year if interim standards are met for engines between 50 and 75 hp (for this power category we are treating the PM standard as a two phase standard with the stipulation that small manufacturers cannot use PM credits to meet the interim standard; also, if a small manufacturer elects the optional approach to the standard (elects to skip the interim standard), no further relief will be provided)

- for NO_X [253]

—A three year delay in the program for engines in the 25–50 hp and the 75–175 hp categories, consistent with the one-phase approach recommendation above;

- A small engine manufacturer could be afforded up to two years of hardship (in addition to the transition flexibilities) upon demonstrating to EPA a significant hardship situation;
- Small engine manufacturers would be able to participate in an averaging, banking, and trading (ABT) program (which we proposed as part of the overall rulemaking program for all manufacturers);
- Engines under 25 hp would not be subject to standards based on use of advanced aftertreatment; and,
- No NO_X aftertreatment-based standards for engines 75 hp and under.

ii. Panel Recommendations for Small Business Equipment Manufacturers

We proposed the following provisions for nonroad diesel small business equipment manufacturers:

- Small business nonroad diesel equipment manufacturers must have reported equipment sales using certified engines in model year 2002 or earlier to be eligible for all provisions;
- Essential continuance of the transition flexibilities offered for the Tier 1 and Tier 2 nonroad diesel emission standards (40 CFR 89.102), which are available to all nonroad diesel equipment manufacturers

—'Percent-of-production allowance'—over seven model-year period manufacturers may install engines not certified to the new emission standards in an amount of equipment equivalent to 80 percent of one year's production, implemented by power category with the average determined over the period in which the flexibility is used (this proposal would afford additional flexibility over the comparable flexibility in Tier 2/3, however, because of the smaller number of horsepower categories in the Tier 4 rule)

—'Small volume allowance'—a manufacturer may exceed the 80 percent allowance in seven years as described above, provided that the previous Tier engine use does not exceed 700 total over seven years, and 200 in any given year, limited to one family per power category; alternatively, at the manufacturer's choice by horsepower category, a

[253] There is no change in the NO_X standard for engines under 25 hp and those between 50 and 75 hp. For these two power bands EPA proposed no special provisions.

program that eliminates the ''single family provision'' restriction with revised total and annual sales limits as shown below:

≤175 hp: 525 previous Tier engines (over 7 years) with an annual cap of 150 units (separate for each hp category)

>175 hp: 350 previous Tier engines (over 7 years) with an annual cap of 100 units (separate for each hp category);

- Small business equipment manufacturers would be allowed to borrow from the Tier 3/Tier 4 flexibilities for use in the Tier 2/Tier 3 time frame; and,
- Small business equipment manufacturers could be afforded up to two years of hardship after other transition allowances are exhausted, similar to that offered small business engine manufacturers.

In addition, we proposed the Panel's recommendation that the provisions for small equipment manufacturers be extended to all equipment manufacturers, regardless of size. We also sought comment on the total number of engines and annual cap values proposed and on implementing the small volume allowance provision without a limit on the number of engine families.

iii. Panel Recommendations for Small Refiners, Distributors, and Marketers

The following provisions were proposed for nonroad diesel small refiners:

- Small refiners would be required to use 500 ppm sulfur fuel beginning June 1, 2010 and 15 ppm fuel beginning June 1, 2014;
- Small refiners may choose one of the following transition provisions, which serve to encourage early compliance with the diesel fuel sulfur standards:

—Credits for Early Desulfurization: would allow small refiners to generate and sell credits for nonroad diesel fuel that meets the small refiner standards earlier than required in the regulation; or,

—Limited Relief on Small Refiner Interim Gasoline Sulfur Standards: a small refiner producing its entire nonroad diesel fuel pool at 15 ppm sulfur by June 1, 2006, and who chooses not to generate nonroad credits for early compliance, would receive a 20 percent relaxation in its assigned small refiner interim gasoline sulfur standards (with the maximum per-gallon sulfur cap for any small refiner remaining at 450 ppm); and,

- A small refiner would be afforded hardship similar to the provisions established under 40 CFR 80.270 and 80.560 (the gasoline sulfur and highway diesel fuel sulfur programs, respectively), case-by-case approval of hardship applications must be sought based on demonstration of extreme hardship circumstances.

We did not propose specific provisions for nonroad diesel fuel distributors and marketers in the NPRM. During the SBREFA process, distributors commented that they would support a one-step approach to eliminate the possibility of having multiple grades of fuel in the distribution system and the Panel recommended that we further study this issue during the development of the rule.

iv. Additional Panel Recommendations

Some, but not all, Panel members recommended that the following provisions be included in the NPRM; we requested comment on these items but did not propose them:

- The inclusion of a technological review of the standards in the 2008 time frame
- No PM aftertreatment-based standards for engines between 25 and 75 hp

b. Discussion of Items Being Finalized in Today's Action

i. Provisions for Small Business Engine Manufacturers

For nonroad diesel small business engine manufacturers, we are finalizing many of the provisions set out above with some significant revisions, as described below. We are finalizing all of the hardship provisions that we proposed. We believe these provisions are an element of providing appropriate lead time for this class of engines.

For engines under 25 hp:

- PM—a manufacturer may elect to delay compliance with the standard for up to three years.
- NO_X—there is no change in the existing NO_X standard for engines in this category, so no special provisions are being provided.

For engines in the 25 to 50 hp category:

- PM—manufacturers must comply with the interim standards (the Tier 4 requirements that begin in model year 2008) on time, and may elect to delay compliance with the 2013 Tier 4 requirements (0.02 g/bhp-hr PM standard) for up to three years.
- NO_X—a manufacturer may elect to delay compliance with the standard for up to three years.

For engines in the 50 to 75 hp category:

- PM—A small business engine manufacturer may delay compliance with the 2013 Tier 4 requirement of 0.02 g/bhp-hr PM for up to three years provided that it complies with the interim Tier 4 requirements that begin in model year 2008 on time, without the use of credits (as manufacturers of engines in this category still have the option to comply with the Tier 3 standard). Alternatively, a manufacturer may elect to skip the interim standard completely. Manufacturers choosing this option will receive only one additional year for compliance with the 0.02 g/bhp-hr standard (*i.e.* compliance in 2013, rather than 2012).
- NO_X—there is no change in the NO_X standard for engines in this category, therefore no special provisions are being provided.

For engines in the 75 to 175 hp category:

- PM—a manufacturer may elect to delay compliance with the standard for up to three years.
- NO_X—a manufacturer may elect to delay compliance with the standard for up to three years.

In regard to the Office of Advocacy's concern regarding the technical feasibility of PM and NO_X aftertreatment devices, as proposed in the NPRM, we are not adopting standards based on performance of NO_X aftertreatment technologies for engines under 75 hp. We believe the factual record—as documented in the RIA, the Summary and Analysis of Comments, and this preamble—does not support the claim that the PM standards will not be technically feasible in 2013 for the 25–75 hp engines. As set out at length in section 4.1.3 of the RIA, among other places, performance of PM traps is not dependent on engine size.

We disagree with the statement made by the Office of Advocacy that, based on available information, we do not have a sufficient basis for engines between 25 and 75 hp to be subject to PM standards based on use of advanced aftertreatment. As we have documented earlier and in the RIA, we believe that such standards are feasible for these engines at reasonable cost,[254] and will help to improve very important air quality problems, especially by reducing exposure to diesel PM and by aiding in attainment of the PM 2.5 National

[254] As the cost issues raised in SBA's comments relate to all manufactures (not just small business manufacturers), further information on the costs of this technology as well as the benefits analysis, can be found in section VI of this preamble (and also chapters 6 and 9, respectively, of the Regulatory Impact Analysis).

Ambient Air Quality Standard. *See generally*, comment response 8.2.3 of the Summary and Analysis of Comments, and sections 12.6.2.2.9 and 12.6.2.2.10 of chapter 12 of the Draft RIA. These standards will also result in significant reductions of NMHC, which includes many carcinogenic air toxics. Indeed, given these facts, we are skeptical that an alternative of no aftertreatment-based PM standards for these engines would be appropriate under section 213(a)(4) of the Clean Air Act (*see* section VII.A above, where we found that ''[w]e * * * do not see a basis in law or policy to adopt either of these options''). We believe that the transition and hardship provisions being finalized for small business engine manufacturers in today's action are reasonable and are a factor in our ultimate finding that the PM standards for engines in the 25–75 hp range are appropriate.

ii. Provisions for Small Business Equipment Manufacturers

The transition and hardship provisions that were proposed for small business nonroad equipment manufacturers are being finalized today, with some modifications.

Adopting an alternative on which we solicited comment, the final rule allows all equipment manufacturers the opportunity to choose between two options: (a) Manufacturers would be allowed to exempt 700 pieces of equipment over seven years, with one engine family; or (b) manufacturers using the small-volume allowance could exempt 525 machines over seven years (with a maximum of 150 in any given year) for each of the three power categories below 175 horsepower, and 350 machines over seven years (with a maximum of 100 in any given year) for the two power categories above 175 horsepower. Concurrent with the revised caps, manufacturers could exempt engines from more than one engine family under the small-volume allowance program. Based on sales information for small businesses, we estimated that the alternative small-volume allowance program to include lower caps and allow manufacturers to exempt more than one engine family would keep the total number of engines eligible for the allowance at roughly the same overall level as the 700-unit program. We believe that these provisions will afford small manufacturers the type of transition leeway recommended by the Panel. Further, these transition provisions could allow small business equipment manufacturers to postpone any redesign needed on low sales volume or difficult equipment packages, thus saving both money and strain on limited engineering staffs. Within limits, small business equipment manufacturers would be able to continue to use their current engine/equipment configuration and avoid out-of-cycle equipment redesign until the allowances are exhausted or the time limit passes.

We are not finalizing the requirement that small equipment manufacturers and importers have reported equipment sales using certified engines in model year 2002 or earlier. Please see section III.C.2.a.ii above for a detailed discussion on our decision to eliminate this requirement from today's rule.

We are also finalizing three additional provisions today. Two of these provisions are being finalized for all equipment manufacturers, and therefore small business equipment manufacturers may also take advantage of them. These are the Technical Hardship Provision and the Early Tier 4 Engine Incentive Program, and are discussed in greater detail in sections III.B.2.b and e above. The third provision is being finalized for small business equipment manufacturers only, for the 20–50 hp category. This provision is discussed in greater detail in section III.C.2.b.ii above.

iii. Provisions for Small Refiners

As previously discussed, we are finalizing standards for locomotive and marine diesel fuel today. Below are the regulatory transition and hardship provisions that we are finalizing to minimize the degree of hardship imposed upon small refiners by this program. With these provisions we are confident about going forward with the 500 ppm sulfur standard for NRLM diesel fuel in 2007, and the 15 ppm sulfur standard for nonroad diesel fuel in 2010 and locomotive and marine diesel fuel in 2012, for the rest of the industry. Given the small refiner relief provisions that are being finalized today, small refiners will be the only refiners permitted to continue selling 500 ppm fuel to nonroad, locomotive, and marine markets from 2010 until 2014 without the use of credits.

We are finalizing delayed compliance for small refiners today (''NRLM Delay'' option). We are confident with going forward with these sulfur standards given the regulatory transition provisions being offered for small refiners. These delayed standards would allow for the continued production of higher sulfur NRLM fuel until June 1, 2010, and similarly, for the production of 500 ppm NRLM fuel until June 1, 2014.[255] This is identical to the relief proposed in the NPRM (which small refiners considered sufficient and supported) with the exception that it applies not only to nonroad fuel, but also to locomotive and marine fuel given the decision to finalize 15 ppm sulfur standards for locomotive and marine diesel fuel. Table X.C–2 below illustrates the delayed standards in relation to the general program. This delay option is not being finalized for the Northeast and mid-Atlantic areas due to the removal of the heating oil marker in these areas. However this is not expected to impact small refiners, and this will provide significant relief for small terminal operators. Further, this provision will be finalized in Alaska only if a refiner gets an approved compliance plan for segregating their fuel to the end user.

We also are finalizing transition provisions to encourage early compliance with the standards being finalized today. These provisions are:

- The NRLM credit option—Some small refiners have indicated that they might need to produce fuel meeting the NRLM diesel fuel sulfur standards earlier than required under the small refiner program described above (distribution systems might limit the number of grades of diesel fuel that will be carried, it may be economically advantageous to make compliant NRLM diesel fuel earlier to prevent losing market share, etc.) This option allows small refiners to participate in the NRLM diesel fuel sulfur credit banking and trading program discussed in section IV. Generating and selling credits could provide small refiners with funds to help defray the costs of early NRLM compliance.
- The NRLM/Gasoline Compliance Option—This option is available to small refiners that produce greater than 95 percent of their NRLM diesel fuel at the 15 ppm sulfur standard by June 1, 2006 and elect not to use the provision described above to earn NRLM diesel fuel sulfur credits for this early compliance.[256] For small refiners

[255] Since new engines with sulfur sensitive emission controls will begin to become widespread during this time, small refiner fuel will need to be segregated and only supplied for use in pre–2011 nonroad equipment or in locomotives or marine engines.

[256] This is down from the 100 percent requirement proposed to allow for some contamination losses in the process of delivering fuel from the refinery. As discussed earlier in this section, production volumes in the final rule are based upon actual delivered volumes. The 5 percent allowance for greater than 15 ppm fuel should provide adequate flexibility for any refiner's contamination issues, while not providing any

Continued

choosing this option the applicable small refiner annual average and per-gallon cap gasoline sulfur standards will be increased by 20 percent for the duration of the interim program; however, in no case may the per-gallon gasoline sulfur cap exceed 450 ppm.

A small refiner may choose to use the relaxed standards (the NRLM Delay option), the NRLM Credit option, or both in combination. Thus any fuel that it produces from crude at or below the sulfur standards earlier than required will qualify for generating credits. However, the NRLM/Gasoline Compliance option may not be used in combination with either the NRLM Delay option or the NRLM Credit option, since a small refiner must produce at least 85 percent of its NRLM diesel fuel at the 15 ppm sulfur standard under the NRLM/Gasoline Compliance option.

Small refiners that choose to make use of the delayed nonroad diesel sulfur requirements would also delay to some extent the emission reductions that would otherwise have been achieved. However, the overall impact of these postponed emission reductions would be small in comparison to the overall program benefits, as small refiners represent only a fraction of national non-highway diesel production. Further, we are aware of some small refiners that plan to take advantage of one of the flexibility provisions that encourages early compliance with the standards. Absent specific provisions for small refiners, we would have to consider delaying the overall program until the burden of the program on many small refiners was diminished, which would delay the air quality benefits of the overall program. By providing temporary relief to small refiners, we are able to adopt a program that expeditiously reduces NRLM diesel fuel sulfur levels in a feasible manner for the industry as a whole.

TABLE X.C–2.—SULFUR STANDARDS FOR THE NONROAD DIESEL FUEL SMALL REFINER PROGRAM

(in parts per million (ppm)) [a]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015+
Non-Small—NR	.....	500	500	500	15	15	15	15	15	15
Non-Small—LM	.....	500	500	500	500	500	15	15	15	15
Small—all fuel	.....	.....	.....	.....	500	500	500	500	15	15

Notes: [a] New standards are assumed to take effect June 1 of the applicable year.

iv. Provisions for Small Distributors and Fuel Marketers

Though we did not propose any specific regulatory relief for small distributors and marketers of nonroad fuel, we are finalizing provisions to avoid the negative impact to small terminal operators raised in the public comments on our NPRM (that heating oil marker requirements would force small terminal operators to install expensive injection equipment and that they would not be able to recoup the costs). To mitigate the burden on these operators, terminals in much of PADD 1 will not have to add the fuel marker to home heating oil. No small refiner or credit fuel could be sold in this exclusion area. The exclusion area covers the vast majority of heating oil that will be marketed. Further, very little fuel above 500 ppm will be marketed outside of the exclusion area except directly from the refinery gate. Therefore, we expect that few terminals outside of the exclusion area would need to put in injection equipment.

6. Conclusion

A cost-to-sales ratio test, a ratio of the estimated annualized compliance costs to the value of sales per company, was performed for these entities during the proposal stage of the rulemaking. [257] From this cost-to-sales test, we found that approximately four percent (13 companies) of small entities in the engine and equipment manufacturing industry would be affected by between one and three percent of sales (*i.e.*, the estimated costs of compliance with the rule would be greater than one percent, but less than three percent, of their sales). One percent (four companies) of small entities would be affected by greater than three percent. In all, 17 of the 518 potentially affected small engine and equipment manufacturers are estimated to have compliance costs that could exceed one percent of their sales. (A complete discussion of the costs to engine and equipment manufacturers as a result of this final rule is located in Chapter 6 of the Final Regulatory Impact Analysis.)

Based on our outreach, fact-finding, and analysis of the potential impacts of our regulations on small businesses, it was determined that small refiners in general would likely experience a significant and disproportionate financial hardship in reaching the objectives of the nonroad diesel fuel sulfur program. One indication of this disproportionate hardship for small refiners is the relatively high cost per gallon projected for producing nonroad diesel fuel under the proposed program. Refinery modeling (of all refineries), indicates significantly higher refining costs for small refiners. Specifically, without special provisions, refining costs (for full compliance with the 15 ppm sulfur standards) for small refiners on average would be about 7 cents per gallon compared to about 5.7 cents per gallon for non-small refiners. (A complete discussion of the fuel-related costs as a result of this final rule is located in Chapter 7 of the Final Regulatory Impact Analysis.) However, we believe that the regulatory transition provisions that we are affording to small entities will significantly minimize this impact on these entities.

In addition, as contemplated by section 212 of SBREFA, EPA is also preparing a compliance guide to help small entities comply with this rule. This guide will be available within 60 days of the effective publication date of this rulemaking, and will be available on the Office of Transportation and Air Quality Web site. Small entities may also contact our office to obtain copies of the compliance guide.

D. Unfunded Mandates Reform Act

Title II of the Unfunded Mandates Reform Act of 1995 (UMRA), Public Law. 104–4, establishes requirements for federal agencies to assess the effects of their regulatory actions on state, local, and tribal governments and the private sector. Under section 202 of the UMRA, EPA generally must prepare a written statement, including a cost-benefit analysis, for proposed and final

opportunity to significantly alter their compliance plans.

[257] The cost-to-sales ratio test assumes that control costs are completely absorbed by each entity and does not account for or consider interaction between manufacturers/producers and consumers in a market context.

rules with ''federal mandates'' that may result in expenditures to state, local, and tribal governments, in the aggregate, or to the private sector, of $100 million or more in any one year. Before promulgating an EPA rule for which a written statement is needed, section 205 of the UMRA generally requires EPA to identify and consider a reasonable number of regulatory alternatives and adopt the least costly, most cost-effective, or least burdensome alternative that achieves the objectives of the rule. The provisions of section 205 do not apply when they are inconsistent with applicable law. Moreover, section 205 allows EPA to adopt an alternative other than the least costly, most cost-effective, or least burdensome alternative if the Administrator publishes with the final rule an explanation of why that alternative was not adopted.

Before EPA establishes any regulatory requirements that may significantly or uniquely affect small governments, including tribal governments, it must have developed under section 203 of the UMRA a small government agency plan. The plan must provide for notifying potentially affected small governments, enabling officials of affected small governments to have meaningful and timely input in the development of EPA regulatory proposals with significant federal intergovernmental mandates, and informing, educating, and advising small governments on compliance with the regulatory requirements.

This rule contains no federal mandates for state, local, or tribal governments as defined by the provisions of Title II of the UMRA. The rule imposes no enforceable duties on any of these governmental entities. Nothing in the rule would significantly or uniquely affect small governments.

EPA has determined that this rule contains federal mandates that may result in expenditures of more than $100 million to the private sector in any single year. EPA believes that the final rule represents the least costly, most cost-effective approach to achieve the air quality goals of the rule. The costs and benefits associated with the final rule are discussed above and in the Regulatory Impact Analysis, as required by the UMRA.

E. Executive Order 13132: Federalism

Executive Order 13132, entitled ''Federalism'' (64 FR 43255, August 10, 1999), requires EPA to develop an accountable process to ensure ''meaningful and timely input by State and local officials in the development of regulatory policies that have federalism implications.'' ''Policies that have federalism implications'' is defined in the Executive Order to include regulations that have ''substantial direct effects on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government.''

Under section 6 of Executive Order 13132, EPA may not issue a regulation that has federalism implications, that imposes substantial direct compliance costs, and that is not required by statute, unless the Federal government provides the funds necessary to pay the direct compliance costs incurred by State and local governments, or EPA consults with State and local officials early in the process of developing the proposed regulation. EPA also may not issue a regulation that has federalism implications and that preempts State law, unless the Agency consults with State and local officials early in the process of developing the proposed regulation.

Section 4 of the Executive Order contains additional requirements for rules that preempt State or local law, even if those rules do not have federalism implications (*i.e.*, the rules will not have substantial direct effects on the States, on the relationship between the national government and the states, or on the distribution of power and responsibilities among the various levels of government). Those requirements include providing all affected State and local officials notice and an opportunity for appropriate participation in the development of the regulation. If the preemption is not based on express or implied statutory authority, EPA also must consult, to the extent practicable, with appropriate State and local officials regarding the conflict between State law and Federally protected interests within the agency's area of regulatory responsibility.

This final rule does not have federalism implications. It will not have substantial direct effects on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government, as specified in Executive Order 13132.

Although section 6 of Executive Order 13132 does not apply to this rule, EPA did consult with representatives of various State and local governments in developing this rule. EPA has also consulted representatives from STAPPA/ALAPCO, which represents state and local air pollution officials.

In the spirit of Executive Order 13132, and consistent with EPA policy to promote communications between EPA and State and local governments, EPA specifically solicited comment on the proposed rule from State and local officials, including from the State of Alaska.

F. Executive Order 13175: Consultation and Coordination With Indian Tribal Governments

Executive Order 13175, entitled ''Consultation and Coordination with Indian Tribal Governments'' (65 FR 67249, November 6, 2000), requires EPA to develop an accountable process to ensure ''meaningful and timely input by tribal officials in the development of regulatory policies that have tribal implications.''

This final rule does not have tribal implications as specified in Executive Order 13175. This rule will be implemented at the Federal level and impose compliance costs only on engine manufacturers and diesel fuel producers and distributors. Tribal governments will be affected only to the extent they purchase and use equipment with regulated engines. Thus, Executive Order 13175 does not apply to this rule.

G. Executive Order 13045: Protection of Children From Environmental Health and Safety Risks

Executive Order 13045, ''Protection of Children from Environmental Health Risks and Safety Risks'' (62 FR 19885, April 23, 1997) applies to any rule that (1) is determined to be ''economically significant'' as defined under Executive Order 12866, and (2) concerns an environmental health or safety risk that EPA has reason to believe may have a disproportionate effect on children. If the regulatory action meets both criteria, Section 5–501 of the Order directs the Agency to evaluate the environmental health or safety effects of the planned rule on children, and explain why the planned regulation is preferable to other potentially effective and reasonably feasible alternatives considered by the Agency.

This rule is not subject to the Executive Order because it does not involve decisions on environmental health or safety risks that may disproportionately affect children. The EPA believes that the emissions reductions from the strategies proposed in this rulemaking will further improve air quality and will further improve children's health.

H. Executive Order 13211: Actions That Significantly Affect Energy Supply, Distribution, or Use

Executive Order 13211, ''Actions Concerning Regulations That

Significantly Affect Energy Supply, Distribution, or Use'' (66 FR 28355 (May 22, 2001)), requires EPA to prepare and submit a Statement of Energy Effects to the Administrator of the Office of Information and Regulatory Affairs, Office of Management and Budget, for certain actions identified as ''significant energy actions.'' Section 4(b) of Executive Order 13211 defines ''significant energy actions'' as ''any action by an agency (normally published in the **Federal Register**) that promulgates or is expected to lead to the promulgation of a final rule or regulation, including notices of inquiry, advance notices of proposed rulemaking, and notices of proposed rulemaking: (1)(i) That is a significant regulatory action under Executive Order 12866 or any successor order, and (ii) is likely to have a significant adverse effect on the supply, distribution, or use of energy; or (2) that is designated by the Administrator of the Office of Information and Regulatory Affairs as a significant energy action.'' We have prepared a Statement of Energy Effects for this action as follows:

We have prepared a Statement of Energy Effects for this action as follows.

This rule's potential adverse effects on energy supply, distribution, or use have been analyzed, and are discussed in detail within the following documents:

1. Fuel provisions of the rule and flexibilities, including hardship provisions, are described in this Preamble, section IV.B. The provision of sufficient lead time for refiners is discussed in section IV.F.

2. Potential impacts on fuel supplies are summarized in Preamble section VI.A.5, RIA section VI.A.5, and within the Summary and Analysis of Comments document, section 4.6.3.

3. Costs of low-sulfur fuel are discussed in Preamble section VI.F, and RIA Chapter 7 (demand and production in 7.1, and refining costs in 7.2).

4. Price impacts are summarized in Preamble section VI.A, and RIA section 7.6, with distribution costs in section 7.4, alternative estimates of costs in 7.2, and effects of alternative demand projections in 7.2 as well. Uncertainty in fuel demand is also discussed in the Summary and Analysis of Comments section 2.3.2.2.

5. The need for adequate short-term investment in low sulfur refining capacity is addressed in RIA section 5.9.

6. The impacts of regulatory alternatives that were considered are discussed in Preamble section VII.

In summary, the cost of No. 2 distillate nonroad fuel is projected to increase overall by approximately 7 cents per gallon (in 2002 dollar terms) as a result of this rule. This would have a very small effect on production (projected reduction of approximately 0.02 %, or less than 4 million gallons per year by 2036).

The analysis also concludes that we do not expect this rule to have any adverse effect on the supply or distribution of NRLM fuel, nor to result in a significant increase in imports of NRLM fuel. Refiners will be unlikely to leave the NRLM fuel market and are unlikely to shut down due to this rule.

Price impacts will vary regionally in the U.S., and are difficult to project precisely. Analysis of various scenarios in RIA section 7.6 suggests that in PADDs 1 and 3 as well as 2, which account for the bulk of demand, prices could increase by almost 11 cents per gallon in the unlikely ''maximum total cost'' scenario of constrained capacity. In contrast, the ''average total cost'' scenario predicts a 5 cent per gallon increase in PADDs 1 and 3.

We do not believe there are any reasonable alternatives to the control of sulfur in nonroad fuel which would allow the reduction in NO_X and PM emissions from nonroad equipment required by today's rule. There are also no reasonable alternatives to the control of sulfur in locomotive and marine fuel which would provide the associated reductions in sulfur dioxide and sulfate PM emissions provided by the 500 and 15 ppm caps on the sulfur content of this fuel.

I. National Technology Transfer Advancement Act

Section 12(d) of the National Technology Transfer and Advancement Act of 1995 (''NTTAA''), Public Law 104–113, section 12(d) (15 U.S.C. 272 note) directs EPA to use voluntary consensus standards in its regulatory activities unless doing so would be inconsistent with applicable law or otherwise impractical. Voluntary consensus standards are technical standards (*e.g.*, materials specifications, test methods, sampling procedures, and business practices) that are developed or adopted by voluntary consensus standards bodies. The NTTAA directs EPA to provide Congress, through OMB, explanations when the Agency decides not to use available and applicable voluntary consensus standards.

This rule involves technical standards. The following paragraph describes how we specify testing procedures for engines subject to this proposal.

The International Organization for Standardization (ISO) has a voluntary consensus standard that can be used to test nonroad diesel engines. However, the current version of that standard (ISO 8178) is applicable only for steady-state testing, not for transient testing. As described in the Regulatory Impact Analysis, transient testing is an important part of the new emission-control program for these engines. We are therefore not adopting the ISO procedures in this rulemaking.

J. Congressional Review Act

The Congressional Review Act, 5 U.S.C. 801 *et seq.*, as added by the Small Business Regulatory Enforcement Fairness Act of 1996, generally provides that before a rule may take effect, the agency promulgating the rule must submit a rule report, which includes a copy of the rule, to each House of the Congress and to the Comptroller General of the United States. EPA will submit a report containing this rule and other required information to the U.S. Senate, the U.S. House of Representatives, and the Comptroller General of the United States before the rule is published in the **Federal Register**. This rule is a ''major rule'' as defined by 5 U.S.C. 804(2).

XI. Statutory Provisions and Legal Authority

Statutory authority for the engine controls adopted today can be found in sections 213 (which specifically authorizes controls on emissions from nonroad engines and vehicles), 203–209, 216 and 301 of the Clean Air Act, 42 U.S.C. 7547, 7522, 7523, 7424, 7525, 7541, 7542, 7543, 7550 and 7601.

Statutory authority for the new fuel controls is found in sections 211(c) and 211(i) of the Clean Air Act, which allow EPA to regulate fuels that either contribute to air pollution which endangers public health or welfare or which impair emission control equipment which is in general use or has been in general use. 42 U.S.C. 7545(c) and (i). Additional support for the procedural and enforcement-related aspects of the fuel controls in the final rule, including the record keeping requirements, comes from sections 114(a) and 301(a) of the CAA. 42 U.S.C. 7414(a) and 7601(a).

List of Subjects

40 CFR Part 9

Reporting and recordkeeping requirements.

40 CFR Part 69

Environmental protection, Air pollution controls.

40 CFR Part 80

Fuel additives, Gasoline, Imports, Incorporation by reference, Labeling,

Motor vehicle pollution, Penalties, Reporting and recordkeeping requirements.

40 CFR Part 86

Environmental protection, Labeling, Motor vehicle pollution, Reporting and recordkeeping requirements.

40 CFR Part 89

Environmental protection, Administrative practice and procedure, Confidential business information, Imports, Labeling, Motor vehicle pollution, Reporting and recordkeeping requirements, Research, Vessels, Warranties.

40 CFR Part 94

Environmental protection, Administrative practice and procedure, Air pollution control, Confidential business information, Imports, Incorporation by reference, Penalties, Reporting and recordkeeping requirements, Vessels, Warranties.

40 CFR Parts 1039, 1048, and 1051

Environmental protection, Administrative practice and procedure, Air pollution control, Confidential business information, Imports, Incorporation by reference, Labeling, Penalties, Reporting and recordkeeping requirements, Warranties.

40 CFR Part 1065

Environmental protection, Administrative practice and procedure, Incorporation by reference, Reporting and recordkeeping requirements, Research.

40 CFR Part 1068

Environmental protection, Administrative practice and procedure, Confidential business information, Imports, Motor vehicle pollution, Penalties, Reporting and recordkeeping requirements, Warranties.

Dated: May 11, 2004.

Michael O. Leavitt,

Administrator.

■ For the reasons set out in the preamble, title 40, chapter I, of the Code of Federal Regulations is amended as set forth below.

PART 9—OMB APPROVALS UNDER THE PAPERWORK REDUCTION ACT

■ 1. The authority citation for part 9 continues to read as follows:

Authority: 7 U.S.C. 135 *et seq.*, 136–136y; 15 U.S.C. 2001, 2003, 2005, 2006, 2601–2671; 21 U.S.C. 331j, 346a, 348; 31 U.S.C. 9701; 33 U.S.C. 1251 *et seq.*, 1311, 1313d, 1314, 1318 1321, 1326, 1330, 1342 1344, 1345(d) and (e), 1361; E.O. 11735, 38 FR 21243, 3 CFR, 1971–1975 Comp. p. 973; 42 U.S.C. 241, 242b, 243, 246, 300f, 300g, 300g–1, 300g–2, 300g–3, 300g–4, 300g–5, 300g–6, 300j–1, 300j–2, 300j–3, 300j–4, 300j–9, 1857 *et seq.*, 6901–6992k, 7401–7671q, 7542, 9601–9657, 11023, 11048.

§ 9.1 [Amended]

■ 2. Section 9.1 is amended in the table by adding the center headings and the entries under those center headings in numerical order to read as follows:

* * * * *

Control of Emissions From New, Large Nonroad Spark-Ignition Engines

1048.20	2040–0460
1048.201–250	2040–0460
1048.345	2040–0460
1048.350	2040–0460
1048.420	2040–0460
1048.425	2040–0460

* * * * *

Control of Emissions from Recreational Engines and Vehicles

1051.201–255	2060–0104
1051.345	2060–0104
1051.350	2060–0104
1051.725	2060–0104
1051.730	2060–0104

* * * * *

General Compliance Provisions for Nonroad Programs

1068.5	2040–0460
1068.25	2040–0460
1068.27	2040–0460
1068.120	2040–0460
1068.201–260	2040–0460
1068.301–355	2040–0460
1068.450	2040–0460
1068.455	2040–0460
1068.501	2040–0460
1068.525	2040–0460
1068.530	2040–0460

* * * * *

PART 69—SPECIAL EXEMPTIONS FROM THE REQUIREMENTS OF THE CLEAN AIR ACT

■ 3. The authority citation for part 69 continues to read as follows:

Authority: 42 U.S.C. 7545(c), (g), and (i), and 7625–1.

■ 4. Section 69.51 is revised to read as follows:

§ 69.51 Motor vehicle diesel fuel.

(a) Diesel fuel that is designated for use only in Alaska and is used only in Alaska, is exempt from the sulfur standard of 40 CFR 80.29(a)(1) and the dye provisions of 40 CFR 80.29(a)(3) and 40 CFR 80.29(b) until the implementation dates of 40 CFR 80.500, provided that:

(1) The fuel is segregated from nonexempt diesel fuel from the point of such designation; and

(2) On each occasion that any person transfers custody or title to the fuel, except when it is dispensed at a retail outlet or wholesale purchaser-consumer facility, the transferor must provide to the transferee a product transfer document stating:

This diesel fuel is for use only in Alaska. It is exempt from the federal low sulfur standards applicable to highway diesel fuel and red dye requirements applicable to non-highway diesel fuel only if it is used in Alaska.

(b) Beginning on the implementation dates under 40 CFR 80.500, motor vehicle diesel fuel that is designated for use in Alaska or is used in Alaska, is subject to the applicable provisions of 40 CFR part 80, subpart I, except as provided under 40 CFR 69.52(c), (d), and (e) for commingled motor vehicle and non-motor vehicle diesel fuel.

(c) The Governor of Alaska may submit for EPA approval, by April 1, 2002, a plan for implementing the motor vehicle diesel fuel sulfur standard in Alaska as an alternative to the temporary compliance option provided under 40 CFR 80.530 through 80.532. If EPA approves an alternative plan, the provisions as approved by EPA under that plan shall apply to the diesel fuel subject to paragraph (b) of this section.

■ 5. A new § 69.52 is added to read as follows:

§ 69.52 Non-motor vehicle diesel fuel.

(a) *Definitions.* (1) *Areas accessible by the Federal Aid Highway System* are the geographical areas of Alaska designated by the State of Alaska as being accessible by the Federal Aid Highway System.

(2) *Areas not accessible by the Federal Aid Highway System* are all other geographical areas of Alaska.

(3) *Nonroad, locomotive, or marine diesel fuel (NRLM)* has the meaning given in 40 CFR 80.2.

(b) *Applicability.* NRLM diesel fuel and heating oil that are used or intended for use in areas of Alaska accessible by the Federal Aid Highway System are subject to the provisions of 40 CFR part 80, subpart I, except as provided in paragraphs (c), (d) and (e) of this section.

(c) *Dye and marker.* (1) NRLM diesel fuel and heating oil referred to in paragraph (b) of this section are exempt from the red dye requirements, and the presumptions associated with the red dye requirements, under 40 CFR 80.520(b)(2) and 80.510(d)(5), (e)(5), and (f)(5).

(2) NRLM diesel fuel and heating oil referred to in paragraph (b) of this section are exempt from the marker solvent yellow 124 requirements, and

the presumptions associated with the marker solvent yellow 124 requirements, under 40 CFR 80.510(d) through (f).

(3) Exempt NRLM diesel fuel and heating oil must be segregated from all non-exempt NRLM diesel fuel and heating oil.

(4) Exempt heating oil must be segregated from exempt NRLM diesel fuel unless it also meets the standards of 40 CFR 80.510 applicable to the NRLM diesel fuel.

(5) Exempt NRLM diesel fuel and heating oil must be segregated from motor vehicle diesel fuel, unless it also meets the standards of 40 CFR 80.520 applicable to the motor vehicle diesel fuel.

(d) *Product transfer documents.* Product Transfer Documents for exempt NRLM diesel fuel and heating oil shall include the language specified in 40 CFR 80.590(a) applicable to undyed diesel fuel for the appropriate sulfur level, and the following additional language as applicable:

(1) For exempt NRLM diesel fuel and heating oil, including commingled fuel under paragraph (c)(4) or (c)(5) of this section: ''Exempt from red dye requirement applicable to diesel fuel for non-highway purposes if it is used only in Alaska.''

(2) For exempt heating oil, including commingled fuel under paragraph (c)(4) or (c)(5) of this section: ''Exempt from marker solvent yellow 124 requirement applicable to heating oil if it is used only in Alaska.''

(3) For exempt 500 ppm sulfur LM diesel fuel, including commingled fuel under paragraph (c)(4) or (c)(5) of this section: ''Exempt from marker solvent yellow 124 requirement applicable to 500 ppm sulfur LM diesel fuel if it is used only in Alaska.''

(e) *Pump labels.* (1) Pump labels for exempt NRLM diesel fuel and heating oil shall contain the language specified in 40 CFR 80.570 through 80.574 for the applicable fuel type and time frame, unless the fuel is commingled under paragraph (c)(4) or (c)(5) of this section.

(2) Pump labels for exempt NRLM diesel fuel and heating oil that are commingled shall contain the language specified in 40 CFR 80.570 through 80.574 for NRLM diesel fuel and the applicable time frame.

(3) Pump labels for exempt NRLM diesel fuel and heating oil that are commingled with motor vehicle diesel fuel shall contain the following language for the applicable sulfur level and time frame:

(i) *500 ppm sulfur diesel fuel.* From June 1, 2006 through September 30, 2010.

LOW SULFUR DIESEL FUEL (500 ppm Sulfur Maximum)

WARNING

Federal Law prohibits use in model year 2007 and later highway diesel vehicles and engines

Its use may damage these vehicles and engines.

For use in all other diesel vehicles and engines.

(ii) *15 ppm sulfur diesel fuel.* From June 1, 2006 through May 31, 2010.

ULTRA-LOW SULFUR DIESEL FUEL (15 ppm Sulfur Maximum)

Required for model year 2007 and later highway diesel vehicles and engines.

Recommended for use in all diesel vehicles and engines.

(iii) *15 ppm sulfur diesel fuel.* From June 1, 2010, and beyond,

ULTRA-LOW SULFUR DIESEL FUEL (15 ppm Sulfur Maximum)

Required for use in all highway and nonroad diesel engines

Recommended for use in all diesel vehicles and engines.

(f) Non-motor vehicle diesel fuel and heating oil that is used or intended for use only in areas of Alaska not accessible by the Federal Aid Highway System, are excluded from the applicable provisions of 40 CFR part 80, subpart I, except that—

(1) All model year 2011 and later nonroad diesel engines and equipment must be fueled only with diesel fuel that meets the specifications of 40 CFR 80.510(b) or (c);

(2) The following language shall be added to any product transfer document: ''This fuel is for use only in those areas of Alaska not accessible by the FAHS''; and

(3) Pump labels for such fuel that does not meet the specifications of 40 CFR 80.510(b) or (c) shall contain the following language:

HIGH SULFUR DIESEL FUEL (may be greater than 15 Sulfur ppm)

WARNING

Federal Law *prohibits* use in model year 2007 and later highway diesel vehicles and engines, or in model year 2011 and later nonroad diesel engines and equipment.

Its use may damage these vehicles and engines.

(g) Alternative labels to those specified in paragraphs (e)(3) and (f)(3) of this section may be used as approved by the Administrator.

PART 80—REGULATION OF FUELS AND FUEL ADDITIVES

■ 6. The authority citation for part 80 continues to read as follows:

Authority: 42 U.S.C. 7414, 7545, and 7601(a).

■ 7. Section 80.2 is amended by adding paragraph (f) and revising paragraphs (j), (o), (x), (y), and (xx), removing and reserving paragraph (nn), adding and reserving paragraphs (yy), and (zz), and adding and reserving paragraphs (aaa) through (rrr) to read as follows:

§ 80.2 Definitions.

* * * * *

(f) *Previously designated diesel fuel* or *PDD* means diesel fuel that has been previously designated and included by a refiner or importer in a batch for purposes of complying with the standards and requirements of subpart I of this part.

* * * * *

(j) *Retail outlet* means any establishment at which gasoline, diesel fuel, methanol, natural gas or liquified petroleum gas is sold or offered for sale for use in motor vehicles or nonroad engines, including locomotive engines or marine engines.

* * * * *

(o) *Wholesale purchaser-consumer* means any person that is an ultimate consumer of gasoline, diesel fuel, methanol, natural gas, or liquified petroleum gas and which purchases or obtains gasoline, diesel fuel, natural gas or liquified petroleum gas from a supplier for use in motor vehicles or nonroad engines, including locomotive engines or marine engines and, in the case of gasoline, diesel fuel, methanol or liquified petroleum gas, receives delivery of that product into a storage tank of at least 550-gallon capacity substantially under the control of that person.

* * * * *

(x) *Diesel fuel* means any fuel sold in any State or Territory of the United States and suitable for use in diesel engines, and that is—

(1) A distillate fuel commonly or commercially known or sold as No. 1 diesel fuel or No. 2 diesel fuel;

(2) A non-distillate fuel other than residual fuel with comparable physical and chemical properties (*e.g.*, biodiesel fuel); or

(3) A mixture of fuels meeting the criteria of paragraphs (1) and (2) of this definition.

(y) *Motor vehicle diesel fuel* means any diesel fuel or other distillate fuel that is used, intended for use, or made available for use in motor vehicles or motor vehicle engines.

* * * * *

(xx) *Diesel fuel additive* means any substance not composed solely of carbon and/or hydrogen, or of diesel blendstocks, that is added to, intended to be added to, used in, or offered for

use in motor vehicle diesel fuel or NRLM diesel fuel or in diesel motor vehicle or diesel NRLM engine fuel systems subsequent to the production of diesel fuel by processing crude oil from refinery processing units.

(yy)–(zz) [Reserved]

(aaa) *Distillate fuel* means diesel fuel and other petroleum fuels that can be used in engines that are designed for diesel fuel. For example, jet fuel, heating oil, kerosene, No. 4 fuel, DMX, DMA, DMB, and DMC are distillate fuels; and natural gas, LPG, gasoline, and residual fuel are not distillate fuels. Blends containing residual fuel may be distillate fuels.

(bbb) *Residual fuel* means a petroleum fuel that can only be used in diesel engines if it is preheated before injection. For example, No. 5 fuels, No. 6 fuels, and RM grade marine fuels are residual fuels. Note: Residual fuels do not necessarily require heating for storage or pumping.

(ccc) *Heating oil* means any No. 1 or No. 2 distillate fuel that is sold for use in furnaces, boilers, stationary diesel engines, and similar applications and which is commonly or commercially known or sold as heating oil, fuel oil, and similar trade names, and that is not jet fuel, kerosene, or MVNRLM diesel fuel.

(ddd) *Jet fuel* means any distillate fuel used, intended for use, or made available for use in aircraft.

(eee) *Kerosene* means any No.1 distillate fuel commonly or commercially sold as kerosene.

(fff) #*1D* means the distillate fuel classification relating to ''No. 1–D'' diesel fuels as described in ASTM D 975–04. The Director of the Federal Register approved the incorporation by reference of ASTM D 975–04, Standard Specification for Diesel Fuel Oils, as prescribed in 5 U.S.C. 552(a) and 1 CFR part 51. Anyone may purchase copies of this standard from the American Society for Testing and Materials, 100 Barr Harbor Dr., West Conshohocken, PA 19428. Anyone may inspect copies at the U.S. EPA, Air and Radiation Docket and Information Center, 1301 Constitution Ave., NW., Room B102, EPA West Building, Washington, DC 20460 or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: *http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.*

(ggg) #*2D* means the distillate fuel classification relating to ''No. 2–D'' diesel fuels as described in ASTM D 975–04.

(hhh)–(jjj) [Reserved]

(kkk) *Nonroad diesel engine* means an engine that is designed to operate with diesel fuel that meets the definition of nonroad engine in 40 CFR 1068.30, including locomotive and marine diesel engines.

(lll) *Locomotive engine* means an engine used in a locomotive as defined under 40 CFR 92.2.

(mmm) *Marine engine* and *Category 3* have the meanings given under 40 CFR 94.2.

(nnn) *Nonroad, locomotive, or marine (NRLM) diesel fuel* means any diesel fuel or other distillate fuel that is used, intended for use, or made available for use, as a fuel in any nonroad diesel engines, including locomotive and marine diesel engines, except the following: Distillate fuel with a T90 greater than 700 °F that is used only in Category 2 and 3 marine engines is not NRLM diesel fuel. Use the distillation test method specified in 40 CFR 1065.1010 to determine the T90 of the fuel. NR diesel fuel and LM diesel fuel are subcategories of NRLM diesel fuel.

(ooo) *Nonroad (NR) diesel fuel* means any NRLM diesel fuel that is not ''locomotive or marine (LM) diesel fuel.''

(ppp) *Locomotive or marine (LM) diesel fuel* means any diesel fuel or other distillate fuel that is used, intended for use, or made available for use, as a fuel in locomotive or marine diesel engines, except for the following fuels:

(1) Fuel that is also used, intended for use, or made available for use in motor vehicle engines or nonroad engines other than locomotive and marine diesel engines is not LM diesel fuel.

(2) Distillate fuel with a T90 greater than 700 °F that is used only in Category 2 and 3 marine engines is not LM diesel fuel. Use the distillation test method specified in 40 CFR 1065.1010 to determine the T90 of the fuel.

(qqq) *MVNRLM diesel fuel* means any diesel fuel or other distillate fuel that meets the definition of motor vehicle (MV) or nonroad, locomotive, or marine (NRLM) diesel fuel. Motor vehicle diesel fuel, NRLM diesel fuel, NR diesel fuel, and LM diesel fuel are subcategories of MVNRLM diesel fuel.

(rrr) *Solvent yellow 124* means N-ethyl-N-[2-[1-(2-methylpropoxy)ethoxyl]-4-phenylazo]-benzeneamine.

■ 8. Section 80.230 is amended by revising paragraph (b) to read as follows:

§ 80.230 Who is not eligible for the hardship provisions for small refiners?

* * * * *

(b)(1)(i) Refiners who qualify as small under § 80.225 and subsequently cease production of diesel fuel from processing crude oil through refinery processing units, or employ more than 1,500 people or exceed the 155,000 bpcd crude oil capacity limit after January 1, 2004 as a result of merger with or acquisition of or by another entity, are disqualified as small refiners, except this shall not apply in the case of a merger between two previously approved small refiners. If disqualification occurs, the refiner shall notify EPA in writing no later than 20 days following this disqualifying event.

(ii) Except as provided under paragraph (b)(1)(iii) of this section, any refiner whose status changes under this paragraph shall meet the applicable standards of § 80.195 within a period of up to 30 months of the disqualifying event for any of its refineries that were previously subject to the small refiner standards of § 80.240(a). However, such period shall not extend beyond December 31, 2007, or, for refineries for which the Administrator has approved an extension of the small refiner gasoline sulfur standards under § 80.553(c), December 31, 2010.

(iii) A refiner may apply to EPA for an additional six months to comply with the standards of § 80.195 if more than 30 months will be required for the necessary engineering, permitting, construction, and start-up work to be completed. Such applications must include detailed technical information supporting the need for additional time. EPA will base its decision to approve additional time on the information provided by the refiner and on other relevant information. In no case will EPA extend the compliance date beyond December 31, 2007, or, for refineries for which the Administrator has approved an extension of the small refiner gasoline sulfur standards under § 80.553(c), December 31, 2010.

(iv) During the period of time up to 30 months provided under paragraph (b)(1)(ii) of this section, and any extension provided under paragraph (b)(1)(iii) of this section, the refiner may not generate gasoline sulfur credits under § 80.310.

(2) Any refiner who qualifies as a small refiner under § 80.225 may elect to meet the standards under § 80.195 by notifying EPA in writing no later than November 15 prior to the year that the change will occur. Any refiner whose status changes under this paragraph (b)(2) shall meet the standards under § 80.195 beginning with the first averaging period subsequent to the status change.

■ 9. Section 80.240 is amended by adding paragraph (f) to read as follows:

§ 80.240 What are the small refiner gasoline sulfur standards?

* * * * *

(f)(1) In the case of a refiner without approved small refiner status who acquires a refinery from a refiner with approved small refiner status under § 80.235, the applicable small refiner standards under paragraph (a) of this section will apply to the acquired small refinery for a period up to 30 months from the date of acquisition of the refinery, but no later than December 31, 2007, or, for a refinery for which the Administrator has approved an extension of the small refiner gasoline sulfur standards under § 80.553(c), December 31, 2010, after which time the standards of § 80.195 shall apply to the acquired refinery.

(2) A refiner may apply to EPA for an additional six months to comply with the standards of § 80.195 for the acquired refinery if more than 30 months will be required for the necessary engineering, permitting, construction, and start-up work to be completed. Such applications must include detailed technical information supporting the need for additional time. EPA will base its decision to approve additional time on information provided by the refiner and on other relevant information. In no case will EPA extend the compliance date beyond December 31, 2007, or, for a refinery for which the Administrator has approved an extension of the small refiner gasoline sulfur standards under § 80.553(c), December 31, 2010.

■ 10. Section 80.500 is amended by removing paragraph (f) and revising the section heading to read as follows:

80.500 What are the implementation dates for the motor vehicle diesel fuel sulfur control program?

■ 11. Section 80.501 is revised to read as follows:

§ 80.501 What fuel is subject to the provisions of this subpart?

(a) *Included fuel and additives.* The provisions of this subpart apply to the following fuels and additives except as specified in paragraph (b) of this section:

(1) Motor vehicle diesel fuel.

(2) Nonroad, locomotive, or marine diesel fuel.

(3) Diesel fuel additives.

(4) Heating oil.

(5) Other distillate fuels.

(6) Motor oil that is used as or intended for use as fuel in diesel motor vehicles or nonroad diesel engines or is blended with diesel fuel for use in diesel motor vehicles or nonroad diesel engines, including locomotive and marine diesel engines, at any downstream location.

(b) *Excluded fuel.* The provisions of this subpart do not apply to distillate fuel that is designated for export outside the United States in accordance with § 80.598, identified for export by a transfer document as required under § 80.590, and that is exported.

■ 12. A new § 80.502 is added to read as follows:

§ 80.502 What definitions apply for purposes of this subpart?

The definitions of § 80.2 and the following additional definitions apply to this subpart I:

(a) *Entity* means any refiner, importer, distributor, retailer or wholesale-purchaser consumer of any distillate fuel.

(b) *Facility* means any place, or series of places, where an entity produces, imports, or maintains custody of any distillate fuel from the time it is received to the time custody is transferred to another entity, except as described in paragraphs (b)(1) through (b)(4) of this section:

(1) Where an entity maintains custody of a batch of diesel fuel from one place in the distribution system to another place (*e.g.*, from a pipeline to a terminal), all owned by the same entity, both places combined are considered to be one single aggregated facility, except where an entity chooses to treat components of such an aggregated facility as separate facilities. The choice made to treat these places as separate facilities may not be changed by the entity during any applicable compliance period. Except as specified in paragraph (b)(2) of this section, where compliance requirements depend upon facility-type, the entire facility must comply with the requirements that apply to its components as follows:

(i) If an aggregated facility includes a refinery, the entire facility must comply with the requirements applicable to refineries.

(ii) If an aggregated facility includes a truck loading terminal but not a refinery, the entire facility must comply with the requirements applicable to truck loading terminals.

(2) A refinery or import facility may not be aggregated with facilities that receive fuel from other refineries or import facilities, either directly or indirectly. For example, a refinery may not be aggregated with a terminal that receives any fuel from a common carrier pipeline. However, a refinery may be aggregated with a pipeline and terminal that are owned by the same entity and which receive no fuel from any source other than the refinery. If a refinery or import facility is aggregated with other facilities, then the aggregated facility is treated as a refinery or import facility.

(3) Retail outlets or wholesale purchaser consumers may not be aggregated with any other facility.

(4) Where an entity maintains custody of diesel fuel in one or more mobile components (*e.g.*, rail, barge, or trucking operations) the mobile components may be aggregated as a single facility. Mobile components may also be aggregated with a facility from which they receive fuel or a facility to which they deliver fuel. However, mobile components may not be aggregated with both a facility from which they receive fuel and a facility to which they deliver fuel.

(5) An individual refinery or contiguous pipeline may not be subdivided into more than one facility. An individual terminal may not be subdivided into more than one facility unless approved by the Administrator.

(c) *Truck loading terminal* means any facility that dyes NRLM diesel fuel, pays taxes on motor vehicle diesel fuel per IRS code (26 CFR part 48), or adds a fuel marker pursuant to § 80.510 to heating oil and delivers diesel fuel or heating oil into trucks for delivery to retail or ultimate consumer locations.

(d) *Batch* means a quantity of diesel fuel or distillate which is homogeneous with regard to those properties that are specified for MVNRLM diesel fuel under this subpart I of this part, has the same designation under this subpart I (if applicable), and whose custody is transferred from one facility to another facility.

(e) *Downstream location* means any point in the diesel fuel distribution system that is downstream of refineries and import facilities, for example, diesel fuel at facilities of distributors, carriers, retailers, kerosene blenders, and wholesale purchaser-consumers.

■ 13. A new § 80.510 is added to read as follows:

§ 80.510 What are the standards and marker requirements for NRLM diesel fuel?

(a) *Beginning June 1, 2007.* Except as otherwise specifically provided in this subpart, all NRLM diesel fuel is subject to the following per-gallon standards:

(1) Sulfur content. 500 parts per million (ppm) maximum.

(2) Cetane index or aromatic content, as follows:

(i) A minimum cetane index of 40; or

(ii) A maximum aromatic content of 35 volume percent.

(b) *Beginning June 1, 2010.* Except as otherwise specifically provided in this subpart, all NR and LM diesel fuel is subject to the following per-gallon standards:

(1) Sulfur content.

(i) 15 ppm maximum for NR diesel fuel.

(ii) 500 ppm maximum for LM diesel fuel.

(2) Cetane index or aromatic content, as follows:

(i) A minimum cetane index of 40; or

(ii) A maximum aromatic content of 35 volume percent.

(c) *Beginning June 1, 2012.* Except as otherwise specifically provided in this subpart, all NRLM diesel fuel is subject to the following per-gallon standards:

(1) Sulfur content. 15 ppm maximum.

(2) Cetane index or aromatic content, as follows:

(i) A minimum cetane index of 40; or

(ii) A maximum aromatic content of 35 volume percent.

(d) *Marking provisions.* From June 1, 2007 through May 31, 2010:

(1) Except as provided for in paragraph (i) of this section, prior to distribution from a truck loading terminal, all heating oil shall contain six milligrams per liter of marker solvent yellow 124.

(2) All motor vehicle and NRLM diesel fuel shall be free of solvent yellow 124.

(3) Any diesel fuel that contains greater than or equal to 0.10 milligrams per liter of marker solvent yellow 124 shall be deemed to be heating oil and shall be prohibited from use in any motor vehicle or nonroad diesel engine (including locomotive, or marine diesel engines).

(4) Except as provided for in paragraph (i) of this section, any diesel fuel, other than jet fuel or kerosene that is downstream of a truck loading terminal, that contains less than 0.10 milligrams per liter of marker solvent yellow 124 shall be considered motor vehicle diesel fuel or NRLM diesel fuel, as appropriate.

(5) Any heating oil that is required to contain marker solvent yellow 124 pursuant to the requirements of this paragraph (d) must also contain visible evidence of dye solvent red 164.

(e) *Marking provisions.* From June 1, 2010 through May 31, 2012:

(1) Except as provided for in paragraph (i) of this section, prior to distribution from a truck loading terminal, all heating oil and diesel fuel designated as 500 ppm sulfur LM diesel fuel shall contain six milligrams per liter of solvent yellow 124.

(2) All motor vehicle and NR diesel fuel shall be free of marker solvent yellow 124.

(3) Any diesel fuel that contains greater than or equal to 0.10 milligrams per liter of marker solvent yellow 124 shall be deemed to be LM diesel fuel or heating oil, as appropriate, and shall be prohibited from use in any motor vehicle or nonroad diesel engine (except for locomotive or marine diesel engines).

(4) Except as provided for in paragraph (i) of this section, any diesel fuel, other than jet fuel or kerosene that is downstream of a truck loading terminal, that contains less than 0.10 milligrams per liter of marker solvent yellow 124 shall be considered motor vehicle diesel fuel or NR diesel fuel, as appropriate.

(5) Any LM diesel fuel or heating oil that is required to contain marker solvent yellow 124 pursuant to the requirements of this paragraph (e) must also contain visible evidence of dye solvent red 164.

(f) *Marking provisions.* Beginning June 1, 2012:

(1) Except as provided for in paragraph (i) of this section, prior to distribution from a truck loading terminal, all heating oil shall contain six milligrams per liter of marker solvent yellow 124.

(2) All motor vehicle and NRLM diesel fuel shall be free of marker solvent yellow 124.

(3) Any diesel fuel that contains greater than or equal to 0.10 milligrams per liter of marker solvent yellow 124 shall be deemed to be heating oil and shall be prohibited from use in any motor vehicle or nonroad diesel engine (including locomotive, or marine diesel engines).

(4) Except as provided for in paragraph (i) of this section, any diesel fuel, other than jet fuel or kerosene that is downstream of a truck loading terminal, that contains less than 0.10 milligrams per liter of marker solvent yellow 124 shall be considered motor vehicle diesel fuel or NRLM diesel fuel, as appropriate.

(5) Any heating oil that is required to contain marker solvent yellow 124 pursuant to the requirements of this paragraph (f) must also contain visible evidence of dye solvent red 164.

(g) Special provisions in this part apply to the following areas:

(1) Northeast/Mid-Atlantic Area which includes the following states and counties: North Carolina, Virginia, Maryland, Delaware, New Jersey, Connecticut, Rhode Island, Massachusetts, Vermont, New Hampshire, Maine, Washington D.C., New York (except for the counties of Chautauqua, Cattaraugus, and Allegany), Pennsylvania (except for the counties of Erie, Warren, Mc Kean, Potter, Cameron, Elk, Jefferson, Clarion, Forest, Venango, Mercer, Crawford, Lawrence, Beaver, Washington, and Greene), and the eight eastern-most counties of West Virginia (Jefferson, Berkeley, Morgan, Hampshire, Mineral, Hardy, Grant, and Pendleton).

(2) Alaska.

(h) Pursuant and subject to the provisions of §§ 80.536, 80.554, 80.560, and 80.561:

(1) Except as provided in paragraph (j) of this section, from June 1, 2007 through May 31, 2010, NRLM diesel fuel produced or imported in full compliance with the requirements of §§ 80.536, 80.554, 80.560, and 80.561 is exempt from the per-gallon sulfur content standard and cetane or aromatics standard of paragraph (a) of this section.

(2) Except as provided in paragraph (j) of this section, from June 1, 2010 through May 31, 2012 for NR diesel fuel and from June 1, 2012 through May 31, 2014 for NRLM diesel fuel produced or imported in full compliance with the requirements of §§ 80.536, 80.554, 80.560, and 80.561 is exempt from the per-gallon standards of paragraphs (b) and (c) of this section, but is subject to the per-gallon standards of paragraph (a) of this section.

(i) The marking requirements of paragraphs (d)(1), (d)(4), (e)(1), (e)(4), (f)(1), and (f)(4) of this section do not apply to heating oil, or, for paragraphs (e)(1) and (e)(4) of this section, diesel fuel designated as LM diesel fuel that is distributed from a truck loading terminal located within the areas listed in paragraphs (g)(1) and (g)(2) of this section and is for sale or intended for sale within these areas, or that is distributed from any other truck loading terminal and is for sale or intended for sale within the area listed in (g)(2) of this section.

(j) The provisions of paragraphs (h)(1) and (h)(2) of this section do not apply to diesel fuel sold or intended for sale in the areas listed in paragraph (g)(1) of this section that is produced or imported in full compliance with the requirements of §§ 80.536 and 80.554 or to diesel fuel sold or intended for sale in the area listed in paragraph (g)(2) of this section that is produced or imported in full compliance with the requirements of § 80.536.

■ 14. A new § 80.511 is added to read as follows:

§ 80.511 What are the per-gallon and marker requirements that apply to NRLM diesel fuel and heating oil downstream of the refiner or importer?

(a) *Applicable dates for marker requirements.* Beginning June 1, 2006, all NRLM diesel fuel shall contain less than 0.10 milligrams per liter of the marker solvent yellow 124, except for

LM diesel fuel subject to the marking requirements of § 80.510(e).

(b) *Applicable dates for per-gallon standards.* (1) Beginning June 1, 2006, all NRLM diesel fuel must comply with the per-gallon sulfur standard for the designation or classification stated on its PTD, pump label, or other documentation. Based on the provisions of § 80.510(h) and (j), there is no uniform downstream sulfur standard until the downstream dates identified in paragraphs (b)(3) through (b)(8) of this section.

(2) Except as provided in paragraphs (b)(5) and (b)(8) of this section, beginning December 1, 2010, all NRLM diesel fuel must comply with the cetane index or aromatics standard of § 80.510.

(3) Except as provided in paragraphs (b)(5) through (b)(8) of this section, the per-gallon sulfur standard of § 80.510(a) shall apply to all NRLM diesel fuel beginning August 1, 2010 for all downstream locations other than retail outlets or wholesale purchaser-consumer facilities, shall apply to all NRLM diesel fuel beginning October 1, 2010 for retail outlets and wholesale purchaser-consumer facilities, and shall apply to all NRLM diesel fuel beginning December 1, 2010 for all locations.

(4) Except as provided in paragraphs (b)(5) through (b)(8) of this section, the per-gallon sulfur standard of § 80.510(c) shall apply to all NRLM diesel fuel beginning August 1, 2014 for all downstream locations other than retail outlets or wholesale purchaser-consumer facilities, shall apply to all NRLM diesel fuel beginning October 1, 2014 for retail outlets and wholesale purchaser-consumer facilities, and shall apply to all NRLM diesel fuel beginning December 1, 2014 for all locations. This paragraph (b)(4) does not apply to LM diesel fuel that is sold or intended for sale in areas other than those listed in § 80.510(g)(1) or (g)(2).

(5) For all NRLM diesel fuel that is sold or intended for sale in the areas listed in § 80.510(g)(1), the per-gallon sulfur standard and the cetane index or aromatics standard of 80.510(a) shall apply to all NRLM diesel fuel beginning August 1, 2007 for all downstream locations other than retail outlets or wholesale purchaser-consumer facilities, shall apply to all NRLM diesel fuel beginning October 1, 2007 for retail outlets and wholesale purchaser-consumer facilities, and shall apply to all NRLM diesel fuel beginning December 1, 2007 for all locations.

(6) For all NR diesel fuel that is sold or intended for sale in the areas listed in § 80.510(g)(1), the per-gallon sulfur standard of § 80.510(b) shall apply to all NR diesel fuel beginning August 1, 2010 for all downstream locations other than retail outlets or wholesale purchaser-consumer facilities, shall apply to all NR diesel fuel beginning October 1, 2010 for retail outlets and wholesale purchaser-consumer facilities, and shall apply to all NR diesel fuel beginning December 1, 2010 for all locations.

(7) For all NRLM diesel fuel that is sold or intended for sale in the areas listed in § 80.510(g)(1), the per-gallon sulfur standard of § 80.510(c) shall apply to all NRLM diesel fuel beginning August 1, 2012 for all downstream locations other than retail outlets or wholesale purchaser-consumer facilities, shall apply to all NRLM diesel fuel beginning October 1, 2012 for retail outlets and wholesale purchaser-consumer facilities, and shall apply to all NRLM diesel fuel beginning December 1, 2012 for all locations.

(8) The provisions of paragraphs (b)(5) through (b)(7) of this section shall apply for all NRLM or NR diesel fuel that is sold or intended for sale in the area listed in § 80.510(g)(2), except for NRLM or NR diesel fuel that is produced in accordance with a compliance plan approved under § 80.554.

(9) For the purposes of this section, distributors that have their own fuel storage tanks and deliver only to ultimate consumers shall be treated the same as retailers and their facilities treated the same as retail outlets.

■ 15. A new § 80.512 is added to read as follows:

§ 80.512 May an importer treat diesel fuel as blendstock?

An importer may exclude diesel fuel that it imports from the requirements under this subpart, and instead may designate such diesel fuel as diesel fuel treated as blendstock (DTAB), if all the following conditions are met:

(a) The DTAB must be included in all applicable designation, credit and compliance calculations for diesel fuel for a refinery operated by the same entity that is the importer . That entity must meet all refiner standards and requirements.

(b) The importer entity may not transfer title of the DTAB to another entity until the DTAB has been used to produce diesel fuel and all refiner standards and requirements have been met for the diesel fuel produced.

(c) The refinery at which the DTAB is used to produce diesel fuel must be physically located at either the same terminal at which the DTAB first arrives in the U.S., the import facility, or at a facility to which the DTAB is directly transported from the import facility.

(d) The DTAB must be completely segregated from any other diesel fuel, including any diesel fuel tank bottoms, prior to the point of blending, sampling and testing in the importer entity's refinery operation. The DTAB may, however, be added to a diesel fuel blending tank where the diesel fuel tank bottom is not included as part of the batch volume for a prior batch. In addition, the DTAB may be placed into a storage tank that contains other DTAB imported by that importer. The DTAB also may be discharged into a tank containing finished diesel fuel of the same category as the diesel fuel which will be produced using the DTAB (for example, 15 ppm sulfur undyed or 15 ppm sulfur dyed diesel fuel) provided the blending process is performed in that same tank.

(e) The entity must account for the volume of diesel fuel produced using DTAB in a manner that excludes the volume of any previously designated diesel fuel. The diesel fuel tank bottom may not be included in the company's refinery compliance calculations for that batch of diesel fuel if the fuel in that tank bottom has been previously designated by a refiner or importer. This exclusion of previously designated diesel fuel must be accomplished using the following approach:

(1) Determine the volume of any tank bottom that is previously designated diesel fuel before any diesel fuel production begins.

(2) Add the DTAB plus any blendstock to the storage tank, and completely mix the tank.

(3) Determine the volume and sulfur content of the diesel fuel contained in the storage tank after blending is complete. Mathematically subtract the volume of the tank bottom to determine the volume of the DTAB plus blendstock added, and subsequently transferred to another facility. Such fuel is reported to EPA as a batch of diesel fuel under §§ 80.593, 80.601, and 80.604.

(4) If previously designated motor vehicle diesel fuel having a sulfur content of 15 ppm or less is blended with DTAB, and the combined product after blending has a sulfur content that exceeds 15 ppm, the importer entity, in its capacity as a refiner, must redesignate all the diesel fuel as 500 ppm sulfur motor vehicle diesel fuel for purposes of the temporary compliance option under § 80.530, or other permissible redesignation under § 80.598. If #2D 15 ppm sulfur motor vehicle diesel fuel is redesignated as #2D 500 ppm sulfur motor vehicle diesel fuel, such entity must apply the volume of previously designated 15 ppm sulfur diesel fuel, for purposes of its operations as a distributor, to its

downgrading limitation under § 80.527, if applicable, and for volume balancing purposes under § 80.599.

(5) As an alternative to paragraphs (e)(1) through (e)(4) of this section, where an importer has a blending tank that is used only to combine DTAB and blending components, and no previously designated diesel fuel is added to the tank, the importer entity, in its capacity as a refiner, may account for the diesel fuel produced in such a blending tank by sampling and testing for the sulfur content of the batch after DTAB and blendstock are added and mixed, and reporting the volume of diesel fuel transferred from that tank to a different facility, up to the point where a new blend is produced by adding new DTAB and blendstock.

(f) The importer must include the volume and sulfur content of each batch of DTAB in the annual importer reports to EPA, as prescribed under §§ 80.593, 80.601, and 80.604, but with a notation that the batch is not included in the importer compliance calculations because the product is DTAB. Any DTAB that ultimately is not used in the importer's refinery operation (for example, a tank bottom of DTAB at the conclusion of the refinery operation), must be treated as newly imported diesel fuel, for which all required sampling and testing, and recordkeeping must be accomplished, and included in the importer's compliance calculations for the averaging period when this sampling and testing occurs.

(g) The importer must retain records that reflect the importation, sampling and testing, and physical movement of any DTAB, and must make these records available to EPA on request.

■ 16. A new § 80.513 is added to read as follows:

§ 80.513 What provisions apply to transmix processing facilities?

For purposes of this section, transmix means a mixture of finished fuels that no longer meets the specifications for a fuel that can be used or sold without further processing. This section applies to refineries that produce diesel fuel from transmix by distillation or other refining processes but do not produce diesel fuel by processing crude oil. This section only applies to the volume of diesel fuel produced by such a transmix processor using these processes, and does not apply to any diesel fuel produced by the blending of blendstocks.

(a) From June 1, 2006 through May 31, 2010, motor vehicle diesel fuel produced by a transmix processor is subject to the 500 ppm sulfur standard under § 80.520(c).

(b) Beginning June 1, 2010, motor vehicle diesel fuel produced by a transmix processor is subject to the sulfur standard under § 80.520(a)(1).

(c) From June 1, 2007 through May 31, 2010, NRLM diesel fuel produced by a transmix processor is exempt from the standards of § 80.510(a). This paragraph (c) does not apply to NRLM diesel fuel that is sold or intended for sale in the areas listed in § 80.510(g)(1) or (g)(2).

(d) From June 1, 2010 through May 31, 2014, NRLM diesel fuel produced by a transmix processor is subject to the standards under § 80.510(a). This paragraph (d) does not apply to NRLM diesel fuel that is sold or intended for sale in the areas listed in § 80.510(g)(1) or (g)(2).

(e) From June 1, 2014 and beyond, NRLM diesel fuel produced by a transmix processor is subject to the standards of § 80.510(c), except that LM diesel fuel is subject to the sulfur standard of § 80.510(a). This paragraph (e) does not apply to NRLM or LM diesel fuel that is sold or intended for sale in the areas listed in § 80.510(g)(1) or (g)(2).

■ 17. Section 80.520 is amended by revising paragraph (b) and removing paragraph (d) to read as follows:

§ 80.520 What are the standards and dye requirements for motor vehicle diesel fuel?

* * * * *

(b) *Dye requirements.* (1) All motor vehicle diesel fuel shall be free of visible evidence of dye solvent red 164 (which has a characteristic red color in diesel fuel), except for motor vehicle diesel fuel that is used in a manner that is tax exempt under section 4082 of the Internal Revenue Code. All motor vehicle diesel fuel shall be free of yellow solvent 124.

(2) Until June 1, 2010, any #1D or #2D distillate fuel that does not show visible evidence of dye solvent red 164 shall be considered to be motor vehicle diesel fuel and subject to all the requirements of this subpart for motor vehicle diesel fuel, except for distillate fuel designated or classified as any of the following:

(i) For use only in the State of Alaska, as provided under 40 CFR 69.51.

(ii) For use under a national security exemption under § 80.606 or for use only in a research and development testing program exempted under § 80.607.

(iii) For use in the U.S. Territories as provided under § 80.608.

(iv) Jet fuel meeting the definition under § 80.2.

(v) Kerosene meeting the definition under § 80.2.

(vi) Diesel fuel that is produced beginning June 1, 2006, with a sulfur level less than or equal to 500 ppm, and designated as NRLM or LM that has not yet been distributed from a truck loading terminal or bulk terminal to a retail outlet, wholesale purchaser-consumer or ultimate consumer.

* * * * *

■ 18. Section 80.521 is revised to read as follows:

§ 80.521 What are the standards and identification requirements for diesel fuel additives?

(a) Except as provided in paragraph (b) of this section, any diesel fuel additive that is added to, intended for adding to, used in, or offered for use in any MVNRLM diesel fuel subject to the 15 ppm sulfur content standards of § 80.510(b), § 80.510(c), or § 80.520(a) at any downstream location must—

(1) Have a sulfur content less than or equal to 15 ppm.

(2) Be accompanied by a product transfer document pursuant to § 80.591 indicating that the additive complies with the 15 ppm sulfur standard for diesel fuel, except for those diesel fuel additives which are only sold in containers for use by the ultimate consumer of diesel fuel and which are subject to the requirements of § 80.591(d).

(b) Any diesel fuel additive that is added to, intended for adding to, used in, or offered for use in diesel fuel subject to the 15 ppm sulfur content standards of § 80.510(b) or (c) or § 80.520(a) may have a sulfur content exceeding 15 ppm provided that each of the following conditions are met:

(1) The additive is added to or used in the diesel fuel in a quantity less than one percent by volume of the resultant additive/diesel fuel mixture;

(2) The product transfer document complies with the informational requirements of § 80.591; and

(3) The additive is not used or intended for use by an ultimate consumer in diesel motor vehicles or nonroad diesel engines.

■ 19. Section 80.522 is revised to read as follows:

§ 80.522 May used motor oil be dispensed into diesel motor vehicles or nonroad diesel engines?

No person may introduce used motor oil, or used motor oil blended with diesel fuel, into the fuel system of model year 2007 or later diesel motor vehicles or model year 2011 or later nonroad diesel engines (not including locomotive or marine diesel engines), unless both of the following requirements have been met:

(a) The vehicle or engine manufacturer has received a Certificate

of Conformity under 40 CFR part 86, 40 CFR part 89, or 40 CFR part 1039 and the certification of the vehicle or engine configuration is explicitly based on emissions data with the addition of motor oil; and

(b) The oil is added in a manner and rate consistent with the conditions of the Certificate of Conformity.

■ 20. Section 80.523 is removed and reserved.

§ 80.523 [Removed and Reserved]

■ 21. Section 80.527 is revised to read as follows:

§ 80.527 Under what conditions may motor vehicle diesel fuel subject to the 15 ppm sulfur standard be downgraded to motor vehicle diesel fuel subject to the 500 ppm sulfur standard?

(a) *Definitions.* As used in this section, downgrade means changing the designation or classification of motor vehicle diesel fuel subject to the 15 ppm sulfur standard under § 80.520(a)(1) to motor vehicle diesel fuel subject to the 500 ppm sulfur standard under § 80.520(c). A downgrade occurs when the change in designation or classification takes place. Changing the designation or classification of motor vehicle diesel fuel subject to the 15 ppm sulfur standard under § 80.520(a)(1) to any designation or classification that is not a motor vehicle diesel fuel is not a downgrade for purposes of this section.

(b) *Who is subject to the downgrade limitation:* Any distributor, retailer, or wholesale purchaser consumer that takes custody of any diesel fuel designated or classified as #2D 15 ppm sulfur motor vehicle diesel fuel and delivers any diesel fuel designated or classified as #2D 500 ppm motor vehicle diesel fuel.

(c) *Downgrading limitation.* (1) Except as provided in paragraphs (d) and (e) of this section, a person described in paragraph (b) of this section may not downgrade a total of more than 20 percent of the #2D motor vehicle diesel fuel (by volume) that is subject to the 15 ppm sulfur standard of § 80.520(a)(1) to #2D motor vehicle diesel fuel subject to the sulfur standard of § 80.520(c) while such person has custody of such fuel.

(2) The limitation of paragraph (c)(1) of this section applies separately to each facility as defined under § 80.502 where there is custody of the fuel when it is downgraded.

(3) Compliance with the limitation of paragraph (c)(1) of this section applies separately for the compliance periods of October 1, 2006 through May 31, 2007; June 1, 2007 through June 30, 2008; July 1, 2008 through June 30, 2009; July 1, 2009 through May 31, 2010.

(4) Compliance with the limitation of paragraph (c)(1) of this section shall be as calculated under § 80.599(e).

(d) *Diesel fuel in violation of the 15 ppm standard.* Where motor vehicle diesel fuel subject to the 15 ppm sulfur standard of § 80.520(a)(1) is found to be in violation of any standard under § 80.520(a) and is consequently downgraded to 500 ppm sulfur motor vehicle diesel fuel, the person having custody of the fuel at the time it is found to be in violation must include the volume of such downgraded fuel toward its 20 percent volume limitation under paragraph (c)(1) of this section, unless the person demonstrates that it did not cause the violation.

(e) *Special provisions for retail outlets and wholesale purchaser-consumer facilities.* Notwithstanding the provisions of paragraph (c)(1) of this section, retailers and wholesale purchaser-consumers shall comply with the downgrading limitation as follows:

(1) Retailers and wholesale purchaser-consumers who sell, offer for sale, or dispense motor vehicle diesel fuel that is subject to the 15 ppm sulfur standard under § 80.520(a)(1) are exempt from the volume limitations of paragraph (c)(1) of this section.

(2) A retailer or wholesale purchaser-consumer who does not sell, offer for sale, or dispense motor vehicle diesel fuel subject to the 15 ppm sulfur standard under § 80.520(a)(1) must comply with the downgrading limitations of paragraph (c) of this section, and compliance shall be calculated as specified in § 80.599(e)(2).

(f) *Termination of downgrading limitations.* The provisions of this section shall not apply after May 31, 2010.

■ 22. Section 80.530 is revised to read as follows:

§ 80.530 Under what conditions can 500 ppm motor vehicle diesel fuel be produced or imported after May 31, 2006?

(a) Beginning June 1, 2006, a refiner or importer may produce or import motor vehicle diesel fuel subject to the 500 ppm sulfur content standard of § 80.520(c) if all of the following requirements are met:

(1) Each batch of motor vehicle diesel fuel subject to the 500 ppm sulfur content standard must be designated by the refiner or importer as subject to such standard, pursuant to § 80.598(a).

(2) The refiner or importer must meet the requirements for product transfer documents in § 80.590 for each batch subject to the 500 ppm sulfur content standard.

(3)(i) The volume of motor vehicle diesel fuel that is produced or imported during a compliance period (V_{500}, as provided in paragraph (a)(5) of this section, may not exceed the following volume limit:

(A) For the compliance periods prior to the period from July 1, 2009 through May 31, 2010, 20 percent of the volume of motor vehicle diesel fuel that is produced or imported during a compliance period (V_t) plus an additional volume of motor vehicle diesel fuel represented by credits properly generated and used pursuant to the requirements of §§ 80.531 and 80.532.

(B) For the compliance period from July 1, 2009 through May 31, 2010, 20 percent of the volume of motor vehicle diesel fuel that is produced or imported prior to January 1, 2010 during the compliance period (V_t), plus an additional volume of motor vehicle diesel fuel represented by credits properly generated and used pursuant to the requirements of §§ 80.531 and 80.532. From January 1, 2010 through May 31, 2010, the volume of motor vehicle diesel fuel that is produced or imported shall not exceed the volume represented by credits used pursuant to § 80.532.

(ii) The terms V_{500} and V_t have the meaning specified in § 80.531(a)(2).

(4) Compliance with the volume limit in paragraph (a)(3) of this section must be determined separately for each refinery. For an importer, such compliance must be determined separately for each Credit Trading Area (as defined in § 80.531) into which motor vehicle diesel fuel is imported. If a party is both a refiner and an importer, such compliance shall be determined separately for the refining and importation activities.

(5) Compliance with the volume limit in paragraph (a)(3) of this section shall be determined on an annual basis, where the annual compliance period is from July 1 through June 30. For the year 2006, compliance shall be determined for the period June 1, 2006 through June 30, 2007. For the year 2010, compliance shall be determined for the period of July 1, 2009 through May 31, 2010.

(6) Any motor vehicle diesel fuel produced or imported above the volume limit in paragraph (a)(3) of this section shall be subject to the 15 ppm sulfur content standard. However, for any compliance period prior to the compliance period July 1, 2009 through May 31, 2010, a refiner or importer may exceed the volume limit in paragraph (a)(3) of this section by no more than 5 percent of the volume of diesel fuel produced or imported during the compliance period (V_t), provided that

for the immediately following compliance period:

(i) The refiner or importer complies with the volume limit in paragraph (a)(3) of this section; and

(ii) The refiner or importer produces or imports a volume of motor vehicle diesel fuel subject to the 15 ppm sulfur standard, or obtains credits properly generated and used pursuant to the requirements of §§ 80.531 and 80.532 that represent a volume of motor vehicle diesel fuel, equal to the volume of the exceedance for the prior compliance period.

(b) After May 31, 2010, no refiner or importer may produce or import motor vehicle diesel fuel subject to the 500 ppm sulfur content standard pursuant to this section.

■ 23. Section 80.531 is amended by revising paragraphs (a)(1), (a)(2), (d)(1) (d)(5), (e)(1), and (e)(2)(i) to read as follows:

§ 80.531 How are motor vehicle diesel fuel credits generated?

(a) * * *

(1) A refiner or importer may generate credits during the period June 1, 2006 through December 31, 2009, for motor vehicle diesel fuel produced or imported that is designated as subject to the 15 ppm sulfur content standard under § 80.520(a)(1). Credits may be generated only if the volume of motor vehicle diesel fuel designated under § 80.598(a) as subject to the 15 ppm sulfur standard of § 80.520(a) exceeds 80 percent of the total volume of motor vehicle diesel fuel produced or imported as described in paragraph (a)(2) of this section.

(2) The number of motor vehicle diesel fuel credits generated shall be calculated for each compliance period (as specified in § 80.530(a)(5)) as follows:

$C = V15_{15} - (0.80 \times V_t)$

Where:

C = the positive number of motor vehicle diesel fuel credits generated, in gallons.

V_{15} = the total volume in gallons of diesel fuel produced or imported that is designated under § 80.598 as motor vehicle diesel fuel and subject to the standards of § 80.520(a) during the compliance period.

V_t n $=_{15} + V_{500}$.

V_{500} = the total volume in gallons of diesel fuel produced or imported that is designated under § 80.598(a) as motor vehicle diesel fuel and subject to the 500 ppm sulfur standard under § 80.520(c) plus the total volume of any other diesel fuel (not including V_{15}, diesel fuel that is dyed in accordance with § 80.520(b) at the refinery or import facility where the diesel fuel is produced or imported, or diesel fuel that is designated as NRLM under § 80.598(a)) represented as having a sulfur content less than or equal to 500 ppm.

* * * * *

(d) * * *

(1) The designation requirements of § 80.598, and all recordkeeping and reporting requirements of §§ 80.592, 80.593, 80.594, 80.600, and 80.601.

* * * * *

(5) In addition to the reporting requirements under paragraph (d)(1) of this section, the refiner or importer must submit a report to the Administrator no later than August 31, 2005 for the period from June 1, 2004 through May 31, 2005, or August 31, 2006 for the period from June 1, 2005 through May 31, 2006, demonstrating that all the motor vehicle diesel fuel produced or imported for which credits were generated met the applicable requirements of paragraph (b), (c), or (d)(4) of this section. If the Administrator finds that such credits did not in fact meet the requirements of paragraphs (b)(1) and (c)(1) of this section, as applicable, or if the Administrator determines that there is insufficient information to determine the validity of such credits, the Administrator may deny the credits submitted in whole or in part.

(e) * * *

(1) Notwithstanding the provisions of paragraph (a) of this section, a small refiner that is approved by the EPA as a small refiner under § 80.551(g) may generate credits under § 80.552(b). Such a small refiner may generate one credit for each gallon of motor vehicle diesel fuel produced that is designated under § 80.598 as motor vehicle diesel fuel subject to the 15 ppm sulfur standard under § 80.520(a)(1).

(2) * * *

(i) Credits may be generated under this paragraph (e) and § 80.552(b) only during the compliance periods beginning June 1, 2006 and ending on May 31, 2010, however diesel fuel produced after December 31, 2009 shall not generate credits. Credits shall be designated separately by refinery, separately by CTA of generation, and separately by annual compliance period. The annual compliance period for 2006 shall be June 1, 2006 through June 30, 2007. The annual compliance period for 2010 shall be July 1, 2009 through May 31, 2010.

* * * * *

■ 24. Section 80.532 is revised to read as follows:

§ 80.532 How are motor vehicle diesel fuel credits used and transferred?

(a) *Credit use stipulations.* Motor vehicle diesel fuel credits generated under § 80.531 may be used to meet the volume limit of § 80.530(a)(3) provided that:

(1) The motor vehicle diesel fuel credits were generated and reported according to the requirements of this subpart; and

(2) The conditions of this section are met.

(b) *Use of credits generated under § 80.531.* Motor vehicle diesel fuel credits generated under § 80.531 may be used by a refiner or by an importer to comply with § 80.530 by applying one credit for every gallon of motor vehicle diesel fuel needed to meet compliance with the volume limit of § 80.530(a)(3).

(c) *Credit banking.* Motor vehicle diesel fuel credits generated may be banked for use or transfer in a later compliance period or may be transferred to another refiner or importer for use as provided in paragraph (d) of this section.

(d) *Credit transfers.* (1) Motor vehicle diesel fuel credits obtained from another refiner or from another importer, including early motor vehicle diesel fuel credits and small refiner motor vehicle diesel fuel credits as described in § 80.531(b) through (e), may be used to satisfy the volume limit of § 80.530(a)(3) if all the following conditions are met:

(i) The motor vehicle diesel fuel credits were generated in the same CTA as the CTA in which motor vehicle diesel fuel credits are used to achieve compliance;

(ii) The motor vehicle diesel fuel credits are used in compliance with the time period limitations for credit use in this subpart;

(iii) Any credit transfer takes place no later than the August 31 following the compliance period when the motor vehicle diesel fuel credits are used;

(iv) No credit may be transferred more than twice, as follows: The first transfer by the refiner or importer who generated the credit may only be made to a refiner or importer who intends to use the credit; if the transferee cannot use the credit, it may make a second and final transfer only to a refiner or importer who intends to use the credit. In no case may a credit be transferred more than twice before being used or terminated;

(v) The credit transferor must apply any motor vehicle diesel fuel credits necessary to meet the transferor's annual compliance requirements before transferring motor vehicle diesel fuel credits to any other refinery or importer;

(vi) No motor vehicle diesel fuel credits may be transferred that would result in the transferor having a negative credit balance; and

(vii) Each transferor must supply to the transferee records indicating the year the motor vehicle diesel fuel

credits were generated, the identity of the refiner (and refinery) or importer who generated the motor vehicle diesel fuel credits, the CTA of credit generation, and the identity of the transferring entity, if it is not the same entity who generated the motor vehicle diesel fuel credits.

(2) In the case of motor vehicle diesel fuel credits that have been calculated or created improperly, or are otherwise determined to be invalid, the following provisions apply:

(i) Invalid motor vehicle diesel fuel credits cannot be used to achieve compliance with the transferee's volume requirements regardless of the transferee's good faith belief that the motor vehicle diesel fuel credits were valid.

(ii) The refiner or importer who used the motor vehicle diesel fuel credits, and any transferor of the motor vehicle diesel fuel credits, must adjust their credit records, reports and compliance calculations as necessary to reflect the proper motor vehicle diesel fuel credits.

(iii) Any properly created motor vehicle diesel fuel credits existing in the transferor's credit balance after correcting the credit balance, and after the transferor applies motor vehicle diesel fuel credits as needed to meet the compliance requirements at the end of the compliance period, must first be applied to correct the invalid transfers before the transferor trades or banks the motor vehicle diesel fuel credits.

(e) *Limitations on credit use.* (1) Motor vehicle diesel fuel credits may not be used to achieve compliance with any requirements of this subpart other than the volume limit of § 80.530(a)(3), unless specifically approved by the Administrator pursuant to a hardship relief petition under § 80.560 or 80.561.

(2) A refiner or importer possessing motor vehicle diesel fuel credits must use all motor vehicle diesel fuel credits in its possession prior to applying the credit deficit provisions of § 80.530(a)(6).

(3) No motor vehicle diesel fuel credits may be used to meet compliance with this subpart subsequent to the compliance period ending May 31, 2010.

■ 25. A new § 80.533 is added to read as follows:

§ 80.533 How does a refiner or importer apply for a motor vehicle or non-highway baseline?

(a) A refiner or importer wishing to generate credits under § 80.535 or use the small refiner provisions under § 80.554 must submit an application to EPA that includes the information required under paragraph (c) of this section by the dates specified in paragraph (f) of this section. A refiner must apply for a motor vehicle baseline for each refinery in order to generate credits under § 80.535 and apply for a non-highway baseline for each refinery to use the provisions of § 80.554 (a), (b), or (d).

(b) The baseline must be sent to the following address: U.S. EPA—Attn: Nonroad Rule Diesel Fuel Baseline, Transportation and Regional Programs Division (6406J), 1200 Pennsylvania Avenue, NW., Washington, DC 20460 (regular mail) or U.S. EPA, Attn: Nonroad Rule Diesel Fuel Baseline, Transportation and Regional Programs Division (6406J), 1310 L Street, NW., 6th floor, Washington, DC 20005 (express mail).

(c) A baseline application must be submitted for each refinery or import facility and include the following information:

(1) A listing of the names and addresses of all refineries or import facilities owned by the company for which the refiner or importer is applying for a motor vehicle or non-highway baseline.

(2)(i) For purposes of a motor vehicle baseline volume for use in determining early credits per § 80.535(a) and (b) and for purposes of a non-highway baseline volume used in determining compliance with the provisions of § 80.554(a) or (d), the baseline volume produced during the three calendar years beginning January 1, 2003, 2004, and 2005, as calculated under paragraph (e)(1) of this section.

(ii) For purposes of a motor vehicle baseline volume for use in determining early credits per § 80.535(c) and for purposes of a non-highway baseline volume used in determining compliance with the provisions of § 80.554(b), the baseline volumes produced during the three calendar years beginning January 1, 2006, 2007, and 2008, as calculated under paragraph (e)(2) of this section.

(3) A letter signed by the president, chief operating officer of the company, or his/her delegate, stating that the information contained in the motor vehicle or non-highway baseline application is true to the best of his/her knowledge.

(4) Name, address, phone number, facsimile number and e-mail address of a corporate contact person.

(5) For each batch of diesel fuel produced or imported during each calendar year:

(i) The date that production was completed or importation occurred for the batch and the batch designation or classification.

(ii) The batch volume.

(6) Other appropriate information as requested by EPA.

(d) *Calculation of the Motor vehicle Baseline,* B_{MV}. (1) Under paragraph (c)(2)(i) of this section, B_{MV} equals the average annual volume of motor vehicle diesel fuel produced or imported from January 1, 2003 through December 31, 2005.

(2) Under paragraph (c)(2)(ii) of this section, B_{MV} equals the average annual volume of motor vehicle diesel fuel produced during the period from January 1, 2006 through December 31, 2008.

(3) For purposes of this paragraph, fuel produced for export, jet fuel (kerosene), and fuel specifically produced to meet military specifications (such as JP–4, JP–8, and F–76), shall not be included in baseline calculations.

(e) *Calculation of the Non-highway Baseline,* B_{NRLM}. (1) Under paragraph (c)(2)(i) of this section, B_{NRLM} equals the average annual volume of all #2D distillate produced or imported from January 1, 2003 through December 31, 2005, less B_{MV} as determined in paragraph (d)(1) of this section.

(2) Under paragraph (c)(2)(ii) of this section, $_{NRLM}$ equals the average annual volume of MVNRLM produced or imported from January 1, 2006 through December 31, 2008, less B_{MV} as determined in paragraph (d)(2) of this section.

(3) For purposes of this paragraph (e), fuel produced for export, jet fuel, kerosene, and fuel specifically produced to meet military specification (such as JP–4, JP–8, and F–76), shall not be included in baseline calculations.

(f)(1) Applications submitted under paragraph (c)(2)(i) of this section must be postmarked by February 28, 2006.

(2) Applications submitted under paragraph (c)(2)(ii) of this section must be postmarked by February 28, 2009.

(g)(1) For applications submitted under paragraph (c)(2)(i) of this section, EPA will notify refiners or importers by June 1, 2006 of approval of the baselines for each of the refiner's refineries or importer's import facilities or of any deficiencies in the refiner's or importer's application.

(2) For applications submitted under paragraph (c)(2)(ii) of this section, EPA will notify refiners or importers by June 1, 2009 regarding approval of the baselines for each of the refiner's refineries or importer's import facilities of any deficiencies in the refiner's or importer's application.

(h) If at any time the motor vehicle baseline or non-highway baseline submitted in accordance with the requirements of this section is determined to be incorrect, EPA will

notify the refiner or importer of the corrected baseline and any compliance calculations made on the basis of that baseline will have to be adjusted retroactively.

■ 26. A new § 80.535 is added to read as follows.

§ 80.535 How are NRLM diesel fuel credits generated?

(a) *Generation of high sulfur NRLM credits from June 1, 2006 through May 31, 2007.* (1) During the period June 1, 2006 through May 31, 2007, a refiner or importer may generate credits pursuant to the provisions of this section if all of the following conditions are met:

(i) The refiner or importer notifies EPA of its intention to generate credits and the period during which it will generate credits. This notification must be received by EPA at least 120 calendar days prior to the date it begins generating credits under this section.

(ii) Each batch or partial batch of NRLM diesel fuel for which credits are claimed shall be subject to all of the provisions of this subpart for NRLM diesel fuel as if it had been produced after June 1, 2007 and before June 1, 2010.

(iii) The number of high-sulfur NRLM credits (HSC) that are generated shall be a positive number.

(2) The refiner or importer shall choose one of the following methods for calculating credits for each calculation period.

(i) For fuel that is dyed under the provisions of § 80.520, HSC equals the volume of fuel in gallons produced or imported during the period identified in paragraph (a)(1) of this section that is designated as NRLM diesel fuel and that is subject to and complies with the provisions of § 80.510(a); or

(ii) For dyed or undyed fuel that complies with the provisions of § 80.598 for a calculation period of June 1, 2006 through May 31, 2007, determine HSC as follows:

$$HSC = V_{510} + V_{520} - B_{MV}$$

Where:

V_{510} = The total volume of NRLM diesel fuel produced or imported during the annual calculation period that complies with the standards of § 80.510(a) or (b).

V_{520} = The total volume of motor vehicle diesel fuel produced or imported during the annual calculation period that complies with the standards of § 80.520(a) or (c).

B_{MV} = As calculated in § 80.533(d)(1).

(3) High-sulfur NRLM credits shall be generated and designated as follows:

(i) Credits shall be generated separately for each refiner or importer.

(ii) Credits may not be generated by both a foreign refiner and by an importer for the same motor vehicle diesel fuel.

(iii) Credits shall not be generated under both § 80.531 and this section for the same diesel fuel.

(iv) Any credits generated by a foreign refiner shall be generated as provided in § 80.620(c) and this section.

(4) No credits may be generated under this paragraph (a) after May 31, 2007.

(5) Any fuel for which a refiner or importer wishes to generate credits must be designated as 500 ppm sulfur NRLM diesel fuel when delivered to the next entity. The refiner may not designate the fuel as 500 ppm sulfur with the intent that it be mixed by the next entity with a batch of distillate with a higher sulfur level to create a fuel with a classification other than 500 ppm sulfur or the classification of the fuel it is mixed with (*e.g.*, it cannot mix fuel designated as 500 ppm sulfur with fuel classified as high sulfur to produce a fuel classified as 2000 ppm sulfur to meet state or local sulfur limits).

(6) The refiner or importer must submit a report to the Administrator no later than July 31, 2007. The report must demonstrate that all the NRLM diesel fuel produced or imported which generated credits met the applicable requirements of paragraphs (a)(1) through (a)(5) of this section. If the Administrator finds that such credits did not in fact meet the requirements of paragraphs (a)(1) through (a)(5) of this section, as applicable, or if the Administrator determines that there is insufficient information to determine the validity of such credits, the Administrator may deny the credits submitted in whole or in part.

(b) *Generation of high-sulfur NRLM credits by small refiners from June 1, 2006 through May 31, 2010.* (1) Notwithstanding the dates specified in paragraph (a) of this section, during the period from June 1, 2006 through May 31, 2010, a refiner that is approved by the EPA as a small refiner under § 80.551 may generate credits under paragraph (a) of this section during any compliance period as specified under § 80.599(a)(2) for diesel fuel produced or imported that is designated as NRLM diesel fuel and complies with the provisions of § 80.510(a).

(2) The small refiner must submit a report to the Administrator no later than August 31 after the end of each calculation period during which credits were generated. The report must demonstrate that all the NRLM diesel fuel produced or imported which generated credits met the applicable requirements of paragraphs (a)(1) through (a)(5) of this section. If the Administrator finds that such credits did not in fact meet the requirements of paragraphs (a)(1) through (a)(5) of this section, as applicable, or if the Administrator determines that there is insufficient information to determine the validity of such credits, the Administrator may deny the credits submitted in whole or in part.

(3) In addition, a foreign refiner that is approved by the Administrator to generate credits under § 80.554 shall comply with the requirements of § 80.620.

(c) *Generation of 500 ppm sulfur NRLM credits from June 1, 2009 through May 31, 2010.* (1) During the period of June 1, 2009 through May 31, 2010, a refiner or importer may generate credits pursuant to the provisions of this section if all of the following conditions are met:

(i) The refiner or importer notifies EPA of its intention to generate credits and the period during which it will generate credits. This notification must be received by EPA at least 120 calendar days prior to the date it begins generating credits under this section.

(ii) Each batch or partial batch of NRLM diesel fuel for which credits are claimed shall be subject to all of the provisions of this subpart for NRLM diesel fuel as if it had been produced after June 1, 2010.

(iii) The number of 500 ppm sulfur NRLM credits in gallons that are generated, C_{500}, shall be a positive number calculated as follows:

$$C500 = V_{15} - B_{MV}$$

Where:

V_{15} = The total volume in gallons of 15 ppm diesel fuel produced or imported during the period stated under paragraph (c)(1)(i) of this section that is designated as either motor vehicle diesel fuel or NRLM diesel fuel.

B_{MV} = As determined in § 80.533(d)(2).

(2) 500 ppm sulfur NRLM credits shall be generated and designated as follows:

(i) Credits shall be generated separately for each refiner or importer.

(ii) Credits may not be generated by both a foreign refiner and by an importer for the same diesel fuel.

(iii) Credits shall not be generated under both § 80.531 and this section for the same diesel fuel.

(iv) Any credits generated by a foreign refiner shall be generated as provided in § 80.620(c) and this section.

(3) No credits may be generated under this paragraph (c) after May 31, 2010.

(4) The refiner or importer must submit a report to the Administrator no later than August 31, 2010. The report must demonstrate that all the 15 ppm sulfur NRLM diesel fuel produced or imported which generated credits met

the applicable requirements of paragraphs (c)(1) through (c)(3) of this section. If the Administrator finds that such credits did not in fact meet the requirements of paragraphs (c)(1) through (c)(3) of this section, as applicable, or if the Administrator determines that there is insufficient information to determine the validity of such credits, the Administrator may deny the credits submitted in whole or in part.

(d) *Generation of 500 ppm sulfur NRLM credits by small refiners from June 1, 2009 through December 31, 2013.* (1) Notwithstanding the dates specified in paragraph (c) of this section, during the period from June 1, 2009 through December 31, 2013, a refiner that is approved by the EPA as a small refiner under § 80.551 may generate credits under paragraph (c) of this section during any compliance period as specified under § 80.599(a)(2) for diesel fuel produced or imported that is designated as NR or NRLM diesel fuel and complies with the provisions of § 80.510(b) or (c).

(2) The small refiner must submit a report to the Administrator no later than August 31 after the end of each calculation period during which credits were generated. The report must demonstrate that all the 15 ppm sulfur NR or NRLM diesel fuel produced or imported for which credits were generated met the applicable requirements of paragraphs (c)(1) through (c)(3) of this section. If the Administrator finds that such credits did not in fact meet the requirements of paragraphs (c)(1) through (c)(3) of this section, as applicable, or if the Administrator determines that there is insufficient information to determine the validity of such credits, the Administrator may deny the credits submitted in whole or in part.

(3) In addition, a foreign refiner that is approved by the Administrator to generate credits under § 80.554 shall comply with the requirements of § 80.620.

■ 27. A new § 80.536 is added to read as follows:

§ 80.536 How are NRLM diesel fuel credits used and transferred?

(a) *Credit use stipulations.* Credits generated under § 80.535(a) and (b) may be used to meet the NRLM diesel fuel sulfur standard of § 80.510(a), and credits generated under 80.535(c) and (d) may be used to meet the NR and NRLM diesel fuel sulfur standard of 80.510(b) and (c), respectively, provided that:

(1) The credits were generated and reported according to the requirements of this subpart; and

(2) The conditions of this section are met.

(b) *Using credits generated under § 80.535.* Credits generated under § 80.535 may be used by a refiner or an importer to comply with the diesel fuel standards of § 80.510 (a), (b), and (c) by applying one credit for every gallon of diesel fuel that does not comply with the applicable standard.

(c) *Credit banking.* Credits generated may be banked for use at a later time or may be transferred to any other refiner or importer nationwide for use as provided in paragraph (d) of this section.

(d) *Credit transfers.* (1) Credits generated under § 80.535 that are obtained from another refiner or importer may be used to comply with the diesel fuel sulfur standards of § 80.510(a), (b), and (c) if all the following conditions are met:

(i) The credits are used in compliance with the time period limitations for credit use in this subpart;

(ii) Any credit transfer is completed no later than August 31 following the compliance period when the credits are used to comply with a standard under paragraph (a) of this section;

(iii) No credit is transferred more than twice, as follows:

(A) The first transfer by the refiner or importer who generated the credit may only be made to a refiner or importer that intends to use the credit; if the transferee cannot use the credit, it may make a second and final transfer only to a refiner or importer who intends to use the credit; and

(B) In no case may a credit be transferred more than twice before it is used or it expires;

(iv) The credit transferor applies any credits necessary to meet the transferor's annual compliance requirements before transferring credits to any other refinery or importer;

(v) No credits are transferred that would result in the transferor having a negative credit balance; and

(vi) Each transferor supplies to the transferee records indicating the year the credits were generated, the identity of the refiner (and refinery) or importer that generated the credits, and the identity of the transferor, if it is not the same party that generated the credits.

(2) In the case of credits that have been calculated or created improperly, or are otherwise determined to be invalid, the following provisions apply:

(i) Invalid credits cannot be used to achieve compliance with the transferee's volume requirements regardless of the transferee's good faith belief that the credits were valid.

(ii) The refiner or importer that used the credits, and any transferor of the credits, must adjust its credit records, reports and compliance calculations as necessary to reflect the proper credits.

(iii) Any properly created credits existing in the transferor's credit balance after correcting the credit balance, and after the transferor applies credits as needed to meet the compliance requirements at the end of the calendar year, must first be applied to correct the invalid transfers before the transferor trades or banks the credits.

(e) *General limitation on credit use.* Credits may not be used to achieve compliance with any requirements of this subpart other than the standards of § 80.510(a), (b), and (c), unless specifically approved by the Administrator pursuant to a hardship relief petition under § 80.560 or § 80.561.

(f) *Use of high sulfur NRLM credits.* (1) High sulfur NRLM credits generated under § 80.535(a) or (b) may be used on a one-for-one basis to meet the NRLM diesel fuel sulfur standard of § 80.510(a) from June 1, 2007 through May 31, 2010. For example, one credit generated by the production or importation of one gallon of NRLM diesel fuel subject to the NRLM diesel fuel sulfur standard of § 80.510 (a) may be used to produce or import one gallon of NRLM diesel fuel that is exempt from the sulfur standard of § 80.510(a) during the period from June 1, 2007 through May 31, 2010.

(2) Any high sulfur NRLM diesel fuel produced after June 1, 2007 through the use of credits must—

(i) Be dyed red under the provisions of § 80.520 at the point of production or importation;

(ii) Be associated with a product transfer document that bears a unique product code as specified in § 80.590; and

(iii) Not be used to sell or deliver diesel fuel into areas specified in § 80.510(g)(1) or (g)(2).

(3) No high sulfur NRLM credits may be used subsequent to the compliance period ending May 31, 2010.

(4) Any high sulfur NRLM credits not used under the provisions of paragraph (f)(1) of this section may be converted into 500 ppm sulfur NRLM credits on a one-for-one basis for use under paragraph (g) of this section.

(g) *Use of 500 ppm sulfur NRLM credits.* (1) 500 ppm sulfur NRLM credits generated under § 80.535(c) or (d) or converted from high sulfur NRLM credits under paragraph (f)(3) of this section may be used on a one-for-one basis to meet the NR or NRLM diesel

fuel sulfur standards of § 80.510(b) or (c) from June 1, 2010 through May 31, 2014. For example, one credit generated by the production or importation of one gallon of NRLM diesel fuel subject to the NRLM diesel fuel sulfur standard of § 80.510 (c) may be used to produce or import one gallon of NR diesel fuel that is subject to the sulfur standard of § 80.510(a) during the period from June 1, 2010 through May 31, 2014.

(2) Any 500 ppm sulfur NR or NRLM diesel fuel produced or imported after June 1, 2010 through the use of these credits must—

(i) Bear a unique product code as specified in § 80.590; and

(ii) Not be used to sell or deliver diesel fuel into areas specified in § 80.510(g)(1) or (g)(2).

(3) No 500 ppm sulfur NRLM credits may be used after May 31, 2014.

■ 28. Section 80.540 is amended by revising paragraphs (b), (d), (e), and (f) to read as follows:

§ 80.540 How may a refiner be approved to produce gasoline under the GPA gasoline sulfur standards in 2007 and 2008?

* * * * *

(b) The refiner must submit an application in accordance with the provisions of §§ 80.595 and 80.596. The application must also include information, as provided in § 80.594(c), demonstrating that starting no later than June 1, 2006, 95 percent of the motor vehicle diesel fuel produced by the refinery for United States use will comply with the 15 ppm sulfur standard under § 80.520(a)(1), and that the volume of motor vehicle diesel fuel produced will comply with the volume requirements of paragraph (e) of this section.

* * * * *

(d) From June 1, 2006 through December 31, 2008, 95 percent of the motor vehicle diesel fuel produced by a refiner that has been approved under paragraph (c) of this section to produce gasoline subject to the GPA gasoline sulfur standards in 2007 and 2008, must be accurately designated under § 80.598 as meeting the 15 ppm sulfur standard of § 80.520(a)(1).

(e) The total volume of motor vehicle diesel fuel produced for use in the United States and designated as meeting the 15 ppm sulfur standard under paragraph (d) of this section must meet or exceed 85 percent of the baseline volume established under paragraph (c) of this section, except that for the first compliance period from June 1, 2006 through June 30, 2007, the total volume must meet or exceed 92 percent of the baseline volume.

(f) Compliance with the volume requirements in paragraph (e) of this section shall be determined each compliance period. Annual compliance periods shall be from July 1 through June 30. For the year 2006, the compliance period shall be from June 1, 2006 through June 30, 2007.

* * * * *

■ 29. Section 80.550 is amended by revising the section heading and paragraphs (a), (b), (c), (d), (e) and (f) to read as follows:

§ 80.550 What is the definition of a motor vehicle diesel fuel small refiner or a NRLM diesel fuel small refiner under this subpart?

(a) A motor vehicle diesel fuel small refiner is defined as any person, as defined by 42 U.S.C. 7602(e), who—

(1) Produces diesel fuel at a refinery by processing crude oil through refinery processing units; and

(2) Employed an average of no more than 1,500 people, based on the average number of employees for all pay periods from January 1, 1999, to January 1, 2000; and

(3) Had an average crude oil capacity less than or equal to 155,000 barrels per calendar day (bpcd) for 1999; or

(4) Has been approved by EPA as a small refiner under § 80.235 and continues to meet the criteria of a small refiner under § 80.225.

(b) A NRLM diesel fuel small refiner is defined as any person, as defined by 42 U.S.C. 7602(e), who—

(1) Produces diesel fuel at a refinery by processing crude oil through refinery processing units;

(2) Employed an average of no more than 1,500 people, based on the average number of employees for all pay periods from January 1, 2002, to January 1, 2003; and

(3) Had an average crude oil capacity less than or equal to 155,000 barrels per calendar day (bpcd) for 2003.

(c) Determine the number of employees and crude oil capacity under paragraphs (a) or (b) of this section, as follows:

(1) The refiner shall include the employees and crude oil capacity of any subsidiary companies, any parent company and subsidiaries of the parent company in which the parent has 50 percent or greater ownership, and any joint venture partners.

(2) For any refiner owned by a governmental entity, the number of employees and total crude oil capacity as specified in paragraph (a) of this section shall include all employees and crude oil production of the government to which the governmental entity is a part.

(3) Any refiner owned and controlled by an Alaska Regional or Village Corporation organized pursuant to the Alaska Native Claims Settlement Act (43 U.S.C. 1601) is not considered an affiliate of such entity, or with other concerns owned by such entity solely because of their common ownership.

(d)(1) Notwithstanding the provisions of paragraph (a) of this section, a refiner that acquires or reactivates a refinery that was shut down or non-operational between January 1, 1999, and January 1, 2000, may apply for motor vehicle diesel fuel small refiner status in accordance with the provisions of § 80.551(c)(1)(ii).

(2) Notwithstanding the provisions of paragraph (b) of this section, a refiner that acquires or reactivates a refinery that was shutdown or non-operational between January 1, 2002, and January 1, 2003, may apply for NRLM diesel fuel small refiner status in accordance with the provisions of § 80.551(c)(2)(ii).

(e) The following are ineligible for the small refiner provisions:

(1)(i) For motor vehicle diesel fuel, refiners with refineries built or started up after January 1, 2000.

(ii) For NRLM diesel fuel, refiners with refineries built or started up after January 1, 2003.

(2)(i) For motor vehicle diesel fuel, persons who exceed the employee or crude oil capacity criteria under this section on January 1, 2000, but who meet these criteria after that date, regardless of whether the reduction in employees or crude oil capacity is due to operational changes at the refinery or a company sale or reorganization.

(ii) For NRLM diesel fuel, persons who exceed the employee or crude oil capacity criteria under this section on January 1, 2003, but who meet these criteria after that date, regardless of whether the reduction in employees or crude oil capacity is due to operational changes at the refinery or a company sale or reorganization.

(3) Importers.

(4) Refiners who produce motor vehicle diesel fuel or NRLM diesel fuel other than by processing crude oil through refinery processing units.

(f)(1)(i) Refiners who qualify as motor vehicle diesel fuel small refiners under this section and subsequently cease production of diesel fuel from processing crude oil through refinery processing units, or employ more than 1,500 people or exceed the 155,000 bpcd crude oil capacity limit after January 1, 2004 as a result of merger with or acquisition of or by another entity, are disqualified as small refiners, except as provided for under paragraph (f)(4) of this section. If disqualification occurs, the refiner shall notify EPA in

writing no later than 20 days following this disqualifying event.

(ii) Except as provided under paragraph (f)(3) of this section, any refiner whose status changes under this paragraph shall meet the applicable standards of § 80.520 within a period of up to 30 months from the disqualifying event for any of its refineries that were previously subject to the small refiner standards of § 80.552, but no later than the May 31, 2010.

(2)(i) Refiners who qualify as NRLM diesel fuel small refiners under this section and subsequently cease production of diesel fuel from crude oil, or employ more than 1,500 people or exceed the 155,000 bpcd crude oil capacity limit after January 1, 2004 as a result of merger with or acquisition of or by another entity, are disqualified as small refiners, except as provided for under paragraph (f)(4) of this section. If disqualification occurs, the refiner shall notify EPA in writing no later than 20 days following this disqualifying event.

(ii) Except as provided under paragraph (f)(3) of this section, any refiner whose status changes under this paragraph shall meet the applicable standards of § 80.510 within a period of up to 30 months of the disqualifying event for any of its refineries that were previously subject to the small refiner standards of § 80.552, but no later than the dates specified in § 80.554(a) or (b), as applicable.

(3) A refiner may apply to EPA for up to an additional six months to comply with the standards of § 80.510 or § 80.520 if more than 30 months would be required for the necessary engineering, permitting, construction, and start-up work to be completed. Such applications must include detailed technical information supporting the need for additional time. EPA will base a decision to approve additional time on information provided by the refiner and on other relevant information. In no case will EPA extend the compliance date beyond May 31, 2010 for a motor vehicle diesel fuel small refiner or beyond the dates specified in § 80.554(a) or (b), as applicable, for a NRLM diesel fuel small refiner.

(4) Disqualification under paragraphs (f)(1) or (f)(2) of this section shall not apply in the case of a merger between two previously approved small refiners.

(5) During the period of time up to 30 months provided under paragraph (f)(1)(ii) of this section, and any extension provided under paragraph (f)(3) of this section, the refiner may not generate motor vehicle diesel fuel sulfur credits under § 80.531(e). During the period of time up to 30 months provided under paragraph (f)(2)(ii) of this section, and any extension provided under paragraph (f)(3) of this section, the refiner may not generate NRLM diesel fuel sulfur credits under § 80.535(b) or (d).

* * * * *

■ 30. Section 80.551 is revised to read as follows:

§ 80.551 How does a refiner obtain approval as a small refiner under this subpart?

(a)(1)(i) Applications for motor vehicle diesel fuel small refiner status must be submitted to EPA by December 31, 2001.

(ii) Applications for NRLM diesel fuel small refiner status must be submitted to EPA by December 31, 2004.

(2)(i) In the case of a refiner who acquires or reactivates a refinery that was shutdown or non-operational between January 1, 1999, and January 1, 2000, the application for motor vehicle diesel fuel small refiner status must be submitted to EPA by June 1, 2003.

(ii) In the case of a refiner who acquires or reactivates a refinery that was shutdown or non-operational between January 1, 2002, and January 1, 2003, the application for NRLM diesel fuel small refiner status must be submitted to EPA by June 1, 2006.

(b) Applications for small refiner status must be sent via certified mail with return receipt or express mail with return receipt to: U.S. EPA—Attn: Diesel Small Refiner Status (6406J), 1200 Pennsylvania Avenue, NW., Washington, DC 20460 (certified mail/return receipt) or Attn: Diesel Small Refiner Status, Transportation and Regional Programs Division, 1310 L Street, NW., 6th floor, Washington, DC 20005 (express mail/return receipt).

(c) The small refiner status application must contain the following information for the company seeking small refiner status, plus any subsidiary companies, any parent company and subsidiaries of the parent company in which the parent has 50 percent or greater ownership, and any joint venture partners:

(1) For motor vehicle diesel fuel small refiners—

(i) A listing of the name and address of each location where any employee worked during the 12 months preceding January 1, 2000; the average number of employees at each location based upon the number of employees for each pay period for the 12 months preceding January 1, 2000; and the type of business activities carried out at each location; or

(ii) In the case of a refiner who acquires or reactivates a refinery that was shutdown or non-operational between January 1, 1999, and January 1, 2000, a listing of the name and address of each location where any employee of the refiner worked since the refiner acquired or reactivated the refinery; the average number of employees at any such acquired or reactivated refinery during each calendar year since the refiner acquired or reactivated the refinery; and the type of business activities carried out at each location.

(2) For NRLM diesel fuel small refiners—

(i) A listing of the name and address of each location where any employee worked during the 12 months preceding January 1, 2003; the average number of employees at each location based upon the number of employees for each pay period for the 12 months preceding January 1, 2003; and the type of business activities carried out at each location; or

(ii) In the case of a refiner who acquires or reactivates a refinery that was shutdown or non-operational between January 1, 2002, and January 1, 2003, a listing of the name and address of each location where any employee of the refiner worked since the refiner acquired or reactivated the refinery; the average number of employees at any such acquired or reactivated refinery during each calendar year since the refiner acquired or reactivated the refinery; and the type of business activities carried out at each location.

(3) The total corporate crude oil capacity of each refinery as reported to the Energy Information Administration (EIA) of the U.S. Department of Energy (DOE) for the most recent 12 months of operation. The information submitted to EIA is presumed to be correct. In cases where a company disagrees with this information, the company may petition EPA with appropriate data to correct the record when the company submits its application for small refiner status. EPA may accept such alternate data at its discretion.

(4) For motor vehicle diesel fuel, an indication of whether the refiner, for each refinery, is applying for—

(i) The ability to produce motor vehicle diesel fuel subject to the 500 ppm sulfur standard under § 80.520(c) or generate credits under § 80.531, pursuant to the provisions of § 80.552(a) or (b); or

(ii) An extension of the duration of its small refiner gasoline sulfur standard under § 80.553, pursuant to the provisions of § 80.552(c).

(5) For NRLM diesel fuel, an indication of whether the refiner, for each refinery, is applying for—

(i) The ability to delay compliance under § 80.554(a) or (b), or to generate

NRLM diesel sulfur credits under § 80.535(b) or (d), pursuant to the provisions of § 80.554(c); or

(ii) An adjustment to its small refiner gasoline sulfur standards under § 80.240(a), pursuant to the provisions of § 80.554(d).

(6) A letter signed by the president, chief operating or chief executive officer of the company, or his/her designee, stating that the information contained in the application is true to the best of his/her knowledge.

(7) Name, address, phone number, facsimile number and e-mail address (if available) of a corporate contact person.

(d) For joint ventures, the total number of employees includes the combined employee count of all corporate entities in the venture.

(e) For government-owned refiners, the total employee count includes all government employees.

(f) Approval of small refiner status for refiners who apply under § 80.550(e) will be based on all information submitted under paragraph (c) of this section, except as provided in § 80.550(e).

(g) EPA will notify a refiner of approval or disapproval of small refiner status by letter. If disapproved, the refiner must comply with the sulfur standards in § 80.510 or 80.520, as appropriate, except as otherwise provided in this subpart.

(h) If EPA finds that a refiner provided false or inaccurate information on its application for small refiner status, upon notice from EPA the refiner's small refiner status will be void *ab initio.*

(i) Upon notification to EPA, an approved small refiner may withdraw its status as a small refiner. Effective on January 1 of the year following such notification, the small refiner will become subject to the sulfur standards in § 80.510 or 80.520, as appropriate, unless one of the other hardship provisions of this subpart apply.

■ 31. Section 80.552 is amended by revising the section heading and paragraphs (a), (b), (c), and (e) to read as follows:

§ 80.552 What compliance options are available to motor vehicle diesel fuel small refiners?

(a) A refiner that has been approved by EPA as a motor vehicle diesel fuel small refiner under § 80.551(g) may produce motor vehicle diesel fuel subject to the 500 ppm sulfur standard pursuant to the provisions of § 80.530, except that the volume limits of § 80.530(a)(3) shall only apply to that volume of diesel fuel that is produced or imported during an annual compliance period that exceeds 105 percent of the baseline volume established under § 80.595 (V_{500}). The annual compliance period shall be from July 1 through June 30. For the year 2006, the compliance period shall be from June 1, 2006 through June 30, 2007, and the volume limits shall only apply to that volume V_{500} that exceeds 113 percent of the baseline volume.

(b) A refiner that has been approved by EPA as a motor vehicle diesel fuel small refiner under § 80.551(g) may generate motor vehicle diesel fuel credits pursuant to the provisions of § 80.531, except that for purposes of § 80.531(a), the term ''Credit'' shall equal V_{15}, without further adjustment.

(c) A refiner that has been approved by EPA as a motor vehicle diesel fuel small refiner under § 80.551(g) may apply for an extension of the duration of its small refiner gasoline sulfur standards pursuant to § 80.553.

* * * * *

(e) The provisions of this section shall apply separately for each refinery owned or operated by a motor vehicle diesel fuel small refiner.

■ 32. Section 80.553 is amended by revising paragraphs (d), (e), (f), and (k) to read as follows:

§ 80.553 Under what conditions may the small refiner gasoline sulfur standards be extended for a small refiner of motor vehicle diesel fuel?

* * * * *

(d) Beginning June 1, 2006, and continuing through December 31, 2010, all motor vehicle diesel fuel produced by a refiner that has received an extension of its small refiner gasoline sulfur standards under this section must be accurately designated under § 80.598 as meeting the 15 ppm sulfur content standard under § 80.520(a)(1).

(e) The total volume of motor vehicle diesel fuel produced for use in the United States and designated as meeting the 15 ppm sulfur content standard under paragraph (d) of this section must meet or exceed 85 percent of the baseline volume established under paragraph (c) of this section, except that for the first compliance period from June 1, 2006 through June 30, 2007, the total volume must meet or exceed 92 percent of the baseline volume.

(f) Compliance with the volume requirements in paragraph (e) of this section shall be determined each compliance period. Annual compliance periods shall be from July 1 through June 30. For the year 2006, the compliance period shall be from June 1, 2006 through June 30, 2007 and for the year 2009 the compliance period shall be from July 1, 2009 through May 31, 2010.

* * * * *

(k) A refiner may petition the Administrator to vacate an extension of the small refiner gasoline sulfur content standards. EPA may grant such a petition, effective July 1 of the compliance period following receipt of such petition (or effective June 1, 2006, if applicable). Upon such effective date, all gasoline produced by the refiner must meet the gasoline sulfur content standards under subpart H of this part as if there had been no extension of the small refiner gasoline sulfur content standards under this section. Upon such effective date, the refiner shall not be subject to the requirements of this section.

* * * * *

■ 33. A new § 80.554 is added to read as follows:

§ 80.554 What compliance options are available to NRLM diesel fuel small refiners?

(a) *Option 1:* A refiner that has been approved by EPA as a NRLM diesel fuel small refiner under § 80.551(g) may produce NRLM diesel fuel from crude oil from June 1, 2007 through May 31, 2010, that is exempt from the standards under § 80.510(a), but only for a refinery located outside the areas specified under § 80.510(g)(1).

(1) The volume of NRLM diesel fuel that is exempt from § 80.510(a) must be less than or equal to 105 percent of B_{NRLM} as defined under § 80.533, less any volume of heating oil produced.

(2) Any volume of NRLM diesel fuel in excess of the volume allowed under (a)(1) of this section will be subject to the 500 ppm sulfur standard under § 80.510(a).

(3) High-sulfur NRLM produced under this paragraph must—

(i) Be dyed red pursuant to the provisions of § 80.520 at the point of production or importation;

(ii) Be associated with a product transfer document that bears a unique product code as specified under § 80.590; and

(iii) Not be delivered into areas specified under § 80.510(g)(1).

(4) From June 1, 2007 through May 31, 2010, a refiner that has been approved by EPA as a NRLM diesel fuel small refiner under § 80.551(g) may produce at a refinery located in 80.510(g)(2) NRLM diesel fuel that is exempt from the standards under § 80.510(a) only if the refiner first obtains approval from the Administrator for a compliance plan. The compliance plan must detail how the refiner will segregate any fuel produced that does

not meet the standards under § 80.510(a) from the refinery through to the ultimate consumer from fuel having any other designations and from fuel produced by any other refiner. The compliance plan must also identify all ultimate consumers to whom the refiner supplies the fuel that does not meet the standards under § 80.510(a).

(b) *Option 2:* A refiner that has been approved by EPA as a NRLM diesel fuel small refiner under § 80.551(g) may produce NR diesel fuel from crude oil from June 1, 2010, through May 31, 2014, and NRLM diesel fuel from crude oil from June 1, 2012 through May 31, 2014 that is subject to the standards under § 80.510(a), but only for a refinery located outside the areas specified under § 80.510(g)(1).

(1) The volume of NR diesel fuel that may be subject to the 500 ppm sulfur standard from June 1, 2010 through June 30, 2011 must be less than or equal to 113 percent of B_{NRLM}, and from July 1, 2011 through May 31, 2012 must be less than or equal to 96 percent of B_{NRLM}, as defined under § 80.533, less any volume of locomotive and marine diesel fuel produced.

(2) The volume of NRLM diesel fuel that may be subject to the 500 ppm sulfur standard from June 1, 2012 through June 30, 2013 must be less than or equal to 113 percent of B_{NRLM}, and from July 1, 2013 through May 31, 2014 must be less than or equal to 96 percent of B_{NRLM}, as defined under § 80.533.

(3) NRLM diesel fuel produced in excess of the volume allowed under paragraph (b)(1) of this section will be subject to the standards under § 80.510(b) and (c).

(4) 500 ppm sulfur NRLM diesel fuel produced under this paragraph must—

(i) Bear a unique product code as specified under § 80.590; and

(ii) Not be sold or delivered into areas specified under § 80.510(g)(1).

(5) From June 1, 2010 through May 31, 2012, for NR diesel fuel, and from June 1, 2012 through May 31, 2014 for NRLM diesel fuel, a refiner that has been approved by EPA as a NRLM diesel fuel small refiner under § 80.551(g) may produce, at a refinery located in Alaska, NR and NRLM diesel fuel, as applicable, from crude oil that is subject to the standards of § 80.510(a), only if the refiner first obtains approval from the Administrator for a compliance plan. The compliance plan must detail how the refiner will segregate any fuel produced subject to the standards under § 80.510(a) from the refinery through to the ultimate consumer from fuel having any other designations and from fuel produced by any other refiner. The compliance plan must also identify all ultimate consumers to whom the refiner supplies the fuel that does not meet the standards under § 80.510(a).

(c) *Option 3:* A refiner that has been approved by EPA as a NRLM diesel fuel small refiner under § 80.551(g) may generate diesel fuel credits under the provisions of § 80.535(b) and (d), except as provided in paragraph (d)(1) of this section.

(d) *Option 4:* (1) In lieu of Options 1, 2, and 3 of this section, a refiner that has been approved by EPA as a NRLM diesel fuel small refiner under § 80.551(g) may choose to adjust its small refiner gasoline sulfur standards, subject to the following conditions:

(i) From June 1, 2006 until the expiration of the refiner's small refiner gasoline sulfur standards (through December 31, 2007 or 2010) 95 percent of the NRLM diesel fuel produced by the refiner must be accurately designated under § 80.598(a) as meeting the 15 ppm sulfur standard of § 80.510(b).

(ii) The refiner must produce NRLM diesel fuel each year or partial year under paragraph (d)(1)(i) of this section at a volume that is equal to or greater than 85 percent of B_{NRLM} , as defined in § 80.533, calculated on an annual basis.

(2)(i) For a refiner meeting the conditions of paragraph (d)(1) of this section, beginning January 1, 2004, the applicable small refiner's annual average and per-gallon cap gasoline sulfur standards will be the standards of § 80.240(a) increased by a factor of 1.20 for the duration of the refiner's small refiner gasoline sulfur standards under § 80.240(a) or § 80.553 (*i.e.,* through calendar years 2007 or 2010).

(ii) In no case may the per-gallon cap exceed 450 ppm.

(3)(i) If the refiner fails to produce the necessary volume of 15 ppm sulfur NRLM diesel fuel by June 1, 2006 and every year thereafter through the deadlines specified under paragraph (d)(1)(i) of this section, the refiner must report this in its annual report under § 80.604, and the adjustment of gasoline sulfur standards under paragraph (d)(2)(i) of this section will be considered void as of January 1, 2004.

(ii) If such a refiner had produced gasoline above its interim gasoline sulfur standard of § 80.240(a) prior to June 1, 2006, such fuel will not be considered in violation of the small refiner standards under § 80.240(a), provided the refiner obtains and uses a quantity of gasoline sulfur credits equal to the volume of gasoline exceeding the small refiner standards multiplied by the number of parts per million by which the gasoline exceeded the small refiner standards.

(e) *Multiple refineries.* The provisions of this section shall apply separately for each refinery owned or operated by a NRLM diesel fuel small refiner.

(f) *Other provisions.* From June 1, 2007 through May 31, 2010, a refiner who is an approved motor vehicle diesel fuel small refiner under § 80.550(a) but does not qualify as a NRLM diesel fuel small refiner under § 80.550(b) may produce NRLM diesel fuel that is exempt from the per-gallon sulfur standard and the cetane or aromatics standard of § 80.510(a). This exemption does not apply to diesel fuel sold or intended for sale in the areas listed in § 80.510(g)(1) or (g)(2). From June 1, 2010 through May 31, 2012, NR and LM diesel fuel produced by such refiners is subject to the standards under § 80.510(b) and beginning June 1, 2012, all NRLM diesel fuel is subject to the standards under § 80.510(c).

■ 34. A new § 80.555 is added to read as follows:

§ 80.555 What provisions are available to a large refiner that acquires a small refiner or one or more of its refineries?

(a) In the case of a refiner without approved small refiner status who acquires a refinery from a refiner with approved status as a motor vehicle diesel fuel small refiner or a NRLM diesel fuel small refiner under § 80.551(g), the applicable small refiner provisions of §§ 80.552 and 80.554 may apply to the acquired refinery for a period of up to 30 months from the date of acquisition of the refinery. In no case shall this period extend beyond May 31, 2010 for a refinery acquired from a motor vehicle diesel fuel small refiner or beyond the dates specified in § 80.554(a) or (b), as applicable, for a refinery acquired from a NRLM diesel fuel small refiner.

(b) A refiner may apply to EPA for up to an additional six months to comply with the standards of § 80.510 or 80.520 for the acquired refinery if more than 30 months would be required for the necessary engineering, permitting, construction, and start-up work to be completed. Such applications must include detailed technical information supporting the need for additional time. EPA will base a decision to approve additional time on information provided by the refiner and on other relevant information. In no case will EPA extend the compliance date beyond May 31, 2010 for a refinery acquired from a motor vehicle diesel fuel small refiner or beyond the dates specified in § 80.554(a) or (b), as applicable, for a refinery acquired from a NRLM diesel fuel small refiner.

(c) Refiners who acquire a refinery from a refiner with approved status as a motor vehicle diesel fuel small refiner or a NRLM diesel fuel small refiner under § 80.551(g), shall notify EPA in writing no later than 20 days following the acquisition.

■ 35. Section 80.560 is amended by revising paragraphs (a), (b), (d), (e), (h), (i), (k), and (l) to read as follows:

§ 80.560 How can a refiner seek temporary relief from the requirements of this subpart in case of extreme hardship circumstances?

(a) EPA may, at its discretion, grant a refiner of crude oil that processes crude oil through refinery processing units, for one or more of its refineries, temporary relief from some or all of the provisions of this subpart. Such relief shall be no less stringent than the small refiner compliance options specified in § 80.552 for motor vehicle diesel fuel and § 80.554 for NRLM diesel fuel. EPA may grant such relief provided that the refiner demonstrates that—

(1) Unusual circumstances exist that impose extreme hardship and significantly affect the refiner's ability to comply by the applicable date; and

(2) It has made best efforts to comply with the requirements of this subpart.

(b)(1) For motor vehicle diesel fuel, applications must be submitted to EPA by June 1, 2002 to the following address: U.S. EPA—Attn: Diesel Hardship, Transportation and Regional Programs Division (6406J), 1200 Pennsylvania Avenue, NW., Washington, DC 20460 (certified mail/return receipt) or Attn: Diesel Hardship, Transportation and Regional Programs Division, 1310 L Street, NW., 6th floor, Washington, DC 20005 (express mail/return receipt). EPA reserves the right to deny applications for appropriate reasons, including unacceptable environmental impact. Approval to distribute motor vehicle diesel fuel not subject to the 15 ppm sulfur standard may be granted for such time period as EPA determines is appropriate, but shall not extend beyond May 31, 2010.

(2) For NRLM diesel fuel, applications must be submitted to EPA by June 1, 2005 to the following address: U.S. EPA—Attn: Diesel Hardship, Transportation and Regional Programs Division (6406J), 1200 Pennsylvania Avenue, NW., Washington, DC 20460 (certified mail/return receipt) or Attn: Diesel Hardship, Transportation and Regional Programs Division, 1310 L Street, NW., 6th floor, Washington, DC 20005 (express mail/return receipt). EPA reserves the right to deny applications for appropriate reasons, including unacceptable environmental impact. Approval to distribute NRLM diesel fuel not subject to the 500 ppm sulfur standard may be granted for such time period as EPA determines is appropriate, but shall not extend beyond May 31, 2010 for NR diesel fuel and May 31, 2012 for NRLM diesel fuel. Approval to distribute NRLM diesel fuel not subject to the 15 ppm sulfur standard may be granted for such time period as EPA determines is appropriate, but shall not extend beyond May 31, 2014.

* * * * *

(d) Applicants must provide, at a minimum, the following information:

(1) Detailed description of efforts to obtain capital for refinery investments and efforts made to obtain credits for compliance under § 80.531 for motor vehicle diesel fuel or §§ 80.535 through 80.536 for NRLM diesel fuel;

(2) Bond rating of entity that owns the refinery (in the case of joint ventures, include the bond rating of the joint venture entity and the bond ratings of all partners; in the case of corporations, include the bond ratings of any parent or subsidiary corporations); and

(3) Estimated capital investment needed to comply with the requirements of this subpart by the applicable date.

(e) In addition to the application requirements of paragraph (b) through (d) of this section, a refiner's application for temporary relief under this paragraph (e) must also include a compliance plan. Such compliance plan shall demonstrate how the refiner will engage in a quality assurance testing program, where appropriate, to ensure that the following conditions are met:

(1)(i) Its motor vehicle diesel fuel subject solely to the sulfur standards under § 80.520(c) has not caused motor vehicle diesel fuel subject to the 15 ppm sulfur standard § 80.520(a)(1) to fail to comply with that standard; or

(ii) Its NRLM diesel fuel subject solely to the 500 ppm sulfur standard under § 80.510(a) has not caused NRLM diesel fuel subject to the 15 ppm sulfur standard under § 80.510(b) or (c) to fail to comply with that standard.

(2) The quality assurance program must at least include periodic sampling and testing at the party's own facilities and at downstream facilities in the refiner's or importer's diesel fuel distribution system, to determine compliance with the applicable sulfur standards for both categories of motor vehicle diesel fuel; examination at the party's own facilities and at applicable downstream facilities, of product transfer documents to confirm appropriate transfers and deliveries of both products; and inspection of retailer and wholesale purchaser-consumer pump stands for the presence of the labels and warning signs required under this section. Any violations that are discovered shall be reported to EPA within 48 hours of discovery.

* * * * *

(h) Refiners who are granted a hardship relief standard for any refinery and importers of fuel subject to temporary foreign refiner relief standards, must comply with the requirements of § 80.561(f).

(i) EPA may impose any reasonable conditions on waivers under this section, including limitations on the refinery's volume of motor vehicle diesel fuel and NRLM diesel fuel subject to temporary refiner relief standards.

* * * * *

(k) The individual refinery sulfur standard and the compliance plan will be approved or disapproved by the Administrator, and approval will be effective when the refiner receives an approval letter from EPA. Unless approved, the refiner or, where applicable, the importer must comply with the motor vehicle diesel fuel standard under § 80.520(a)(1) by the appropriate compliance date specified in § 80.500 or the NRLM diesel fuel standards and compliance dates under § 80.510(a), (b), and (c) as applicable.

(l) If EPA finds that a refiner provided false or inaccurate information on its application for hardship relief, EPA's approval of the refiners application will be void *ab initio.*

■ 36. Section 80.561 is amended by revising the introductory text and paragraphs (c), (d), and (f) to read as follows:

§ 80.561 How can a refiner or importer seek temporary relief from the requirements of this subpart in case of extreme unforseen circumstances?

In appropriate extreme, unusual, and unforseen circumstances (for example, natural disaster or refinery fire) which are clearly outside the control of the refiner or importer and which could not have been avoided by the exercise of prudence, diligence, and due care, EPA may permit a refiner or importer, for a brief period, to distribute motor vehicle diesel fuel or NRLM diesel fuel which does not meet the requirements of this subpart if:

* * * * *

(c) The refiner or importer can show how the requirements for motor vehicle diesel fuel or NRLM diesel fuel will be expeditiously achieved;

(d) The refiner or importer agrees to make up any air quality detriment associated with the nonconforming

motor vehicle diesel fuel or NRLM diesel fuel, where practicable;

* * * * *

(f)(1) In the case of motor vehicle diesel fuel distributed under this section that does not meet the 15 ppm sulfur standard under § 80.520(a)(1), such diesel fuel shall not be distributed for use in model year 2007 or later motor vehicles, and must meet all the requirements and prohibitions of this subpart applicable to diesel fuel meeting the sulfur standard under § 80.520(c), or to diesel fuel that is not motor vehicle diesel fuel, as applicable.

(2) In the case of NRLM diesel fuel distributed under this section from June 1, 2007 through May 31, 2010 that does not meet the 500 ppm sulfur standard under § 80.510(a), such diesel fuel must meet the requirements and prohibitions applicable to high sulfur NRLM credit fuel under § 80.536(f)(1)(i) and (ii).

(3) In the case of NR diesel fuel distributed under this section after May 31, 2010 that does not meet the 15 ppm sulfur standard under § 80.510(b), such diesel fuel shall not be distributed for use in model year 2011 or later nonroad engines, and must meet all the requirements and prohibitions of this subpart applicable to diesel fuel meeting the sulfur standard under § 80.510(a) for NRLM diesel fuel.

(4) In the case of NRLM diesel fuel distributed under this section after May 31, 2012 that does not meet the 15 ppm sulfur standard under § 80.510(c), such diesel fuel shall not be distributed for use in model year 2011 or later nonroad engines, and must meet all the requirements and prohibitions of this subpart applicable to diesel fuel meeting the sulfur standard under § 80.510(a) for NRLM diesel fuel.

■ 37. Section 80.570 is revised to read as follows:

§ 80.570 What labeling requirements apply to retailers and wholesale purchaser-consumers of diesel fuel beginning June 1, 2006?

(a) From June 1, 2006 through May 31, 2010, any retailer or wholesale purchaser-consumer who sells, dispenses, or offers for sale or dispensing, motor vehicle diesel fuel subject to the 15 ppm sulfur standard of § 80.520(a)(1), must affix the following conspicuous and legible label, in block letters of no less than 24-point bold type, and printed in a color contrasting with the background, to each pump stand:

ULTRA-LOW SULFUR HIGHWAY DIESEL FUEL (15 ppm Sulfur Maximum)

Required for use in all model year 2007 and later highway diesel vehicles and engines.

Recommended for use in all diesel vehicles and engines.

(b) From June 1, 2006 through September 30, 2010, any retailer or wholesale purchaser-consumer who sells, dispenses, or offers for sale or dispensing, motor vehicle diesel fuel subject to the 500 ppm sulfur standard of § 80.520(c), must prominently and conspicuously display in the immediate area of each pump stand from which motor vehicle fuel subject to the 500 ppm sulfur standard is offered for sale or dispensing, the following legible label, in block letters of no less than 24-point bold type, printed in a color contrasting with the background:

LOW SULFUR HIGHWAY DIESEL FUEL (500 ppm Sulfur Maximum)

WARNING

Federal law *prohibits* use in model year 2007 and later highway vehicles and engines.

Its use may damage these vehicles and engines.

(c) From June 1, 2006 through May 31, 2007, any retailer or wholesale purchaser-consumer who sells, dispenses, or offers for sale or dispensing, diesel fuel for non-motor vehicle equipment that does not meet the standards for motor vehicle diesel fuel, must affix the following conspicuous and legible label, in block letters of no less than 24-point bold type, and printed in a color contrasting with the background, to each pump stand:

NON-HIGHWAY DIESEL FUEL (May Exceed 500 ppm Sulfur)

WARNING

Federal law *prohibits* use in highway vehicles or engines.

Its use may damage these vehicles and engines.

(d) The labels required by paragraphs (a) through (c) of this section must be placed on the vertical surface of each pump housing and on each side that has gallon and price meters. The labels shall be on the upper two-thirds of the pump, in a location where they are clearly visible.

(e) Alternative labels to those specified in paragraphs (a) through (c) of this section may be used as approved by the Administrator.

■ 38. A new § 80.571 is added to read as follows:

§ 80.571 What labeling requirements apply to retailers and wholesale purchaser-consumers of NRLM diesel fuel or heating oil beginning June 1, 2007?

Any retailer or wholesale purchaser-consumer who sells, dispenses, or offers for sale or dispensing nonroad, locomotive or marine (NRLM) diesel fuel (including nonroad (NR) and locomotive or marine (LM)), or heating oil, must prominently and conspicuously display in the immediate area of each pump stand from which non-highway diesel fuel is offered for sale or dispensing, one of the following legible labels, as applicable, in block letters of no less than 24-point bold type, printed in a color contrasting with the background:

(a) From June 1, 2007 through May 31, 2010, for pumps dispensing NRLM diesel fuel meeting the 15 ppm sulfur standard of § 80.510(b):

ULTRA-LOW SULFUR NON-HIGHWAY DIESEL FUEL (15 ppm Sulfur Maximum)

Required for use in all model year 2011 and newer nonroad diesel engines.

Recommended for use in all nonroad, locomotive, and marine diesel engines.

WARNING

Federal Law *prohibits* use in highway vehicles or engines.

(b) From June 1, 2007 through May 31, 2010, for pumps dispensing NRLM diesel fuel meeting the 500 ppm sulfur standard of § 80.510(a):

LOW SULFUR NON-HIGHWAY DIESEL FUEL (500 ppm Sulfur Maximum)

WARNING

Federal Law *prohibits* use in highway vehicles or engines.

(c) From June 1, 2007 through September 30, 2010, for pumps dispensing NRLM diesel fuel not meeting, or not offered as meeting, the 500 ppm sulfur standard of § 80.510(a) or the 15 ppm sulfur standard of § 80.510(b):

HIGH SULFUR NON-HIGHWAY DIESEL FUEL (May Exceed 500 ppm Sulfur)

WARNING

Federal law *prohibits* use in highway vehicles or engines.

May damage nonroad diesel engines required to use low-sulfur or ultra-low sulfur diesel fuel.

(d) From June 1, 2007 and beyond, for pumps dispensing non-motor vehicle diesel fuel for use other than in nonroad, locomotive or marine engines, such as for use in stationary diesel engines or as heating oil:

HEATING OIL (May Exceed 500 ppm Sulfur)

WARNING

Federal law *prohibits* use in highway vehicles or engines, or in nonroad, locomotive, or marine diesel engines.

Its use may damage these diesel engines.

(e) The labels required by paragraphs (a) through (d) of this section must be placed on the vertical surface of each pump housing and on each side that has

gallon and price meters. The labels shall be on the upper two-thirds of the pump, in a location where they are clearly visible.

(f) Alternative labels to those specified in paragraphs (a) through (d) of this section may be used as approved by the Administrator.

■ 39. A new § 80.572 is added to read as follows:

§ 80.572 What labeling requirements apply to retailers and wholesale purchaser-consumers of NR and NRLM diesel fuel and heating oil beginning June 1, 2010?

Any retailer or wholesale purchaser-consumer who sells, dispenses, or offers for sale or dispensing nonroad, locomotive or marine (NRLM) diesel fuel (including nonroad (NR) and locomotive or marine (LM)), or heating oil, must prominently and conspicuously display in the immediate area of each pump stand from which non-highway diesel fuel is offered for sale or dispensing, one of the following legible labels, as applicable, in block letters of no less than 24-point bold type, printed in a color contrasting with the background:

(a) From June 1, 2010 and beyond, any retailer or wholesale purchaser-consumer who sells, dispenses, or offers for sale or dispensing, motor vehicle diesel fuel subject to the 15 ppm sulfur standard of § 80.520(a)(1), must affix the following conspicuous and legible label, in block letters of no less than 24-point bold type, and printed in a color contrasting with the background, to each pump stand:

ULTRA-LOW SULFUR HIGHWAY DIESEL FUEL (15 ppm Sulfur Maximum)

Required for use in all highway diesel vehicles and engines.

Recommended for use in all diesel vehicles and engines.

(b) From June 1, 2010 through May 31, 2012, for pumps dispensing NR diesel fuel subject to the 15 ppm sulfur standard of § 80.510(b):

ULTRA-LOW SULFUR NON-HIGHWAY DIESEL FUEL (15 ppm Sulfur Maximum)

Required for use in all model year 2011 and later nonroad diesel engines.

Recommended for use in all other non-highway diesel engines.

WARNING

Federal law *prohibits* use in highway vehicles or engines.

(c) From June 1, 2010 through September 30, 2014, for pumps dispensing NRLM diesel fuel subject to the 500 ppm sulfur standard of § 80.510(a):

LOW SULFUR NON-HIGHWAY DIESEL FUEL (500 ppm Sulfur Maximum)

WARNING

Federal law *prohibits* use in all model year 2011 and newer nonroad engines.

May damage model year 2011 and newer nonroad engines.

Federal law *prohibits* use in highway vehicles or engines.

(d) From June 1, 2010 through September 30, 2012, for pumps dispensing LM diesel fuel subject to the 500 ppm sulfur standard of § 80.510(a):

LOW SULFUR LOCOMOTIVE AND MARINE DIESEL FUEL (500 ppm Sulfur Maximum)

WARNING

Federal law *prohibits* use in nonroad engines or in highway vehicles or engines.

(e) The labels required by paragraphs (a) through (d) of this section must be placed on the vertical surface of each pump housing and on each side that has gallon and price meters. The labels shall be on the upper two-thirds of the pump, in a location where they are clearly visible.

(f) Alternative labels to those specified in paragraphs (a) through (d) of this section may be used as approved by the Administrator.

■ 40. A new § 80.573 is added to read as follows:

§ 80.573 What labeling requirements apply to retailers and wholesale purchaser-consumers of NRLM diesel fuel and heating oil beginning June 1, 2012?

Any retailer or wholesale purchaser-consumer who sells, dispenses, or offers for sale or dispensing nonroad, locomotive or marine (NRLM) diesel fuel (including nonroad (NR) and locomotive or marine (LM)), or heating oil, must prominently and conspicuously display in the immediate area of each pump stand from which non-highway diesel fuel is offered for sale or dispensing, one of the following legible labels, as applicable, in block letters of no less than 24-point bold type, printed in a color contrasting with the background:

(a) From June 1, 2012 through May 31, 2014, for pumps dispensing NRLM diesel fuel subject to the 15 ppm sulfur standard of § 80.510(c):

ULTRA-LOW SULFUR NON-HIGHWAY DIESEL FUEL (15 ppm Sulfur Maximum)

Required for use in all model year 2011 and later nonroad diesel engines.

Recommended for use in all other non-highway diesel engines.

WARNING

Federal law *prohibits* use in highway vehicles or engines.

(b) The labels required by paragraph (a) of this section must be placed on the vertical surface of each pump housing and on each side that has gallon and price meters. The labels shall be on the upper two-thirds of the pump, in a location where they are clearly visible.

(c) Alternative labels to those specified in paragraph (a) of this section may be used as approved by the Administrator.

■ 41. A new § 80.574 is added to read as follows:

§ 80.574 What labeling requirements apply to retailers and wholesale purchaser-consumers of NRLM diesel fuel, or heating oil beginning June 1, 2014?

Any retailer or wholesale purchaser-consumer who sells, dispenses, or offers for sale or dispensing nonroad, locomotive or marine (NRLM) diesel fuel (including nonroad (NR) and locomotive or marine (LM)), or heating oil, must prominently and conspicuously display in the immediate area of each pump stand from which non-highway diesel fuel is offered for sale or dispensing, one of the following legible labels, as applicable, in block letters of no less than 24-point bold type, printed in a color contrasting with the background:

(a) From June 1, 2014 and beyond, for pumps dispensing NRLM diesel fuel subject to the 15 ppm sulfur standard of § 80.510(c):

ULTRA-LOW SULFUR NON-HIGHWAY DIESEL FUEL (15 ppm Sulfur Maximum)

Required for use in all nonroad diesel engines.

Recommended for use in all locomotive and marine diesel engines.

WARNING

Federal law *prohibits* use in highway vehicles or engines.

(b) From June 1, 2014 and beyond, for pumps dispensing LM diesel fuel subject to the 500 ppm sulfur standard of § 80.510(a):

LOW SULFUR LOCOMOTIVE OR MARINE DIESEL FUEL (500 ppm Sulfur Maximum)

WARNING

Federal law *prohibits* use in nonroad engines or in highway vehicles or engines.

Its use may damage these engines.

(c) The labels required by paragraphs (a) and (b) of this section must be placed on the vertical surface of each pump housing and on each side that has gallon and price meters. The labels shall be on the upper two-thirds of the pump, in a location where they are clearly visible.

(d) Alternative labels to those specified in paragraphs (a) and (b) of this section may be used as approved by the Administrator.

■ 42. Section 80.580 is revised to read as follows:

§ 80.580 What are the sampling and testing methods for sulfur?

The sulfur content of diesel fuel and diesel fuel additives is to be determined in accordance with this section.

(a) *Sampling method.* The applicable sampling methodology is provided in § 80.330(b).

(b) *Test method for sulfur.* (1) Until December 27, 2004, for motor vehicle diesel fuel and diesel fuel additives subject to the 15 ppm sulfur standard of § 80.520(a)(1), sulfur content may be determined using ASTM D 6428–99.

(2) For motor vehicle diesel fuel and diesel fuel additives subject to the 500 ppm sulfur standard of § 80.520(c), and NRLM diesel fuel subject to the 500 ppm sulfur standard of § 80.510(a)(1), sulfur content may be determined using ASTM D 2622–03.

(3) Beginning August 30, 2004, for motor vehicle diesel fuel and diesel fuel additives subject to the 15 ppm sulfur standard of § 80.520(a)(1), sulfur content may be determined using any test method approved under § 80.585.

(4) Beginning August 30, 2004, for NRLM diesel fuel and diesel fuel additives subject to the 15 ppm standard of § 80.510(b), sulfur content may be determined using any test method approved under § 80.585.

(c) *Alternative test methods for sulfur.* (1) Until December 27, 2004, for motor vehicle diesel fuel and diesel fuel additives subject to the 15 ppm standard of § 80.520(a)(1), sulfur content may be determined using ASTM D 5453–03a or ASTM D 3120–03a, provided that the refiner or importer test result is correlated with the appropriate method specified in paragraph (a)(2) of this section.

(2) *Options for testing sulfur content of 500 ppm diesel fuel.* (i) For motor vehicle diesel fuel and diesel fuel additives subject to the 500 ppm sulfur standard of § 80.520(c), and for NRLM diesel fuel subject to the 500 ppm sulfur standard of § 80.510(a), sulfur content may be determined using ASTM D 4294–03, ASTM D 5453–03a, or ASTM D 6428–99, provided that the refiner or importer test result is correlated with the appropriate method specified in paragraph (a)(2)(ii) of this section; or

(ii) For motor vehicle diesel fuel and diesel fuel additives subject to the 500 ppm sulfur standard of § 80.520(c), and for NRLM diesel fuel subject to the 500 ppm sulfur standard of § 80.510(a), sulfur content may be determined using any test method approved under § 80.585.

(d) *Adjustment Factor for downstream test results.* An adjustment factor of negative two ppm sulfur shall be applied to the test results, to account for test variability, but only for testing of motor vehicle diesel fuel or NRLM diesel fuel identified as subject to the 15 ppm sulfur standard of § 80.510(b) or § 80.520(a)(1).

(e) *Materials incorporated by reference.* The Director of the Federal Register approved the incorporation by reference of the documents listed in this section as prescribed in 5 U.S.C. 552(a) and 1 CFR part 51. Anyone may inspect copies at the U.S. EPA, Air and Radiation Docket and Information Center, 1301 Constitution Ave., NW., Room B102, EPA West Building, Washington, DC 20460 or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: *http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.*

(1) *ASTM material.* Anyone may purchase copies of these materials from the American Society for Testing and Materials, 100 Barr Harbor Dr., West Conshohocken, PA 19428.

(i) ASTM D 2622–03, Standard Test Method for Sulfur in Petroleum Products by Wavelength Dispersive X-ray Fluorescence Spectrometry.

(ii) ASTM D 3120–03a, Standard Test Method for Trace Quantities of Sulfur in Light Liquid Petroleum Hydrocarbons by Oxidative Microcoulometry.

(iii) ASTM D 4294–03, Standard Test Method for Sulfur in Petroleum and Petroleum Products by Energy-Dispersive X-ray Fluorescence Spectrometry.

(iv) ASTM D 5453–03a, Standard Test Method for Determination of Total Sulfur in Light Hydrocarbons, Motor Fuels and Motor Oils by Ultraviolet Fluorescence.

(v) ASTM D 6428–99, Test Method for Total Sulfur in Liquid Aromatic Hydrocarbons and Their Derivatives by Oxidative Combustion and Electrochemical Detection.

(2) [Reserved]

■ 43. A new § 80.581 is added to read as follows:

§ 80.581 What are the batch testing and sample retention requirements for motor vehicle and NRLM diesel fuel?

(a) Beginning on June 1, 2006 or earlier pursuant to § 80.531 for motor vehicle diesel fuel, and beginning June 1, 2010 or earlier pursuant to § 80.535 for NRLM diesel fuel, each refiner and importer shall collect a representative sample from each batch of motor vehicle or NRLM diesel fuel produced or imported and subject to the 15 ppm sulfur content standard. Batch, for the purposes of this section, means batch as defined under § 80.2 but without the reference to transfer of custody from one facility to another facility.

(b) Except as provided in paragraph (c) of this section, the refiner or importer shall test each sample collected pursuant to paragraph (a) of this section to determine its sulfur content for compliance with the requirements of this subpart prior to the diesel fuel leaving the refinery or import facility, using an appropriate sampling and testing method as specified in § 80.580.

(c)(1) Any refiner who produces motor vehicle or NRLM diesel fuel using computer-controlled in-line blending equipment, including the use of an on-line analyzer test method that is approved under the provisions of § 80.580, and who, subsequent to production of the diesel fuel batch tests a composited sample of the batch under the provisions of § 80.580 for purposes of designation and reporting, is exempt from the requirement of paragraph (b) of this section to obtain the test result required under this section prior to the diesel fuel leaving the refinery, provided that the refiner obtains approval from EPA.

(2) To obtain an exemption from paragraph (b) of this section, the refiner must submit to EPA all the information required under § 80.65(f)(4)(i)(A). A letter signed by the president, chief operating or chief executive officer of the company, or his/her designee, stating that the information contained in the submission is true to the best of his/her belief must accompany any submission under this paragraph (c)(2).

(3) Refiners who seek an exemption under paragraph (c)(2) of this section must comply with any request by EPA for additional information or any other requirements that EPA includes as part of the exemption.

(4) Within 60 days of EPA's receipt of a submission under paragraph (c)(2) of this section, EPA will notify the refiner if the exemption is not approved or of any deficiencies in the refiner's submission, or if any additional information is required or other requirements are included in the exemption pursuant to paragraph (c)(3) of this section. In the absence of such notification from EPA, the effective date of an exemption under this paragraph (c) is 60 days from EPA's receipt of the refiner's submission.

(5) EPA reserves the right to modify the requirements of an exemption under

this paragraph (c), in whole or in part, at any time, if EPA determines that the refiner's operation does not effectively or adequately control, monitor or document the sulfur content of the refinery's diesel fuel production, or if EPA determines that any other circumstances exist which merit modification of the requirements of an exemption, such as advancements in the state of the art for in-line blending measurement which allow for additional control or more accurate monitoring or documentation of sulfur content. If EPA finds that a refiner provided false or inaccurate information in any submission required for an exemption under this section, upon notification from EPA, the refiner's exemption will be void *ab initio.*

(d) All test results under this section shall be retained for five years and must be provided to EPA upon request.

(e) Samples collected under this section must be retained for at least 30 days and provided to EPA upon request.

■ 44. A new § 80.582 is added to read as follows:

§ 80.582 What are the sampling and testing methods for the fuel marker?

For heating oil and NRLM diesel fuel subject to the fuel marker requirement in § 80.510(d), (e), or (f), the identification of the presence and concentration of the fuel marker in diesel fuel may be determined using the test procedures qualified in accordance with the requirements in this section.

(a) *Sampling and testing for methods for the fuel marker.* The sampling, sample preparation, and testing methods qualified for use in accordance with the requirements of this section may involve the use of hazardous materials, operations and equipment. This section does not address the associated safety problems which may exist. It is the responsibility of the user of the procedures specified in this section to establish appropriate safety and health practices prior to their use. It is also the responsibility of the user to dispose of any byproducts which might result from conducting these procedures in a manner consistent with applicable safety and health requirements.

(b) *What are the precision and accuracy criteria for qualification of fuel marker test methods?* (1) *Precision.* A standard deviation of less than 0.10 milligrams per liter is required, computed from the results of a minimum of 20 repeat tests made over 20 days on samples taken from a homogeneous commercially available diesel fuel which meets the applicable industry consensus and federal regulatory specifications and which contains the fuel marker at a concentration in the range of 0.10 to 8 milligrams per liter. In order to qualify, the 20 results must be a series of tests on the same material and there must be a sequential record of the analysis with no omissions. A laboratory facility may exclude a given sample or test result only if the exclusion is for a valid reason under good laboratory practices and it maintains records regarding the sample and test results and the reason for excluding them.

(2) *Accuracy.* (i) The arithmetic average of a continuous series of at least 10 tests performed on a commercially available marker solvent yellow 124 standard in the range of 0.10 to 1 milligrams per liter shall not differ from the ARV of that standard by more than 0.05 milligrams per liter.

(ii) The arithmetic average of a continuous series of at least 10 tests performed on a commercially available marker solvent yellow 124 standard in the range of 4 to 10 milligrams per liter shall not differ from the ARV of that standard by more than 0.05 milligrams per liter.

(iii) In applying the tests of paragraphs (b)(2)(i) and (ii) of this section, individual test results shall be compensated for any known chemical interferences.

(c) *What process must a test facility follow in order to qualify a test method for determining the fuel marker content of distillate fuels and how will EPA qualify or decline to qualify a test method?* (1) *Qualification of test methods approved by voluntary consensus-based standards bodies.* Any standard test method developed by a Voluntary Consensus-Based Standards Body, such as the American Society for Testing and Materials (ASTM) or International Standards Organization (ISO), shall be considered a qualified test method for determining the fuel marker content of distillate fuel provided that it meets the precision and accuracy criteria under paragraph (b) of this section. The qualification of a test method is limited to the single test facility that performed the testing for accuracy and precision. The individual facility must submit the accuracy and precision results for each method, including information on the date and time of each test measurement used to demonstrate precision, following procedures established by the Administrator.

(2) *Qualification of test methods that have not been approved by a voluntary consensus-based standards body.* A test method that has not been approved by a voluntary consensus-based standards body may be qualified upon approval by the Administrator. The following information must be submitted in the application for approval by each test facility, for each test method that it wishes to have approved:

(i) Full test method documentation, including a description of the technology and/or instrumentation that makes the method functional.

(ii) Information demonstrating that the test method meets the accuracy and precision criteria under paragraph (b) of this section, including information on the date and time of each test measurement used to demonstrate precision.

(iii) Samples used for precision and accuracy determination must be retained for 90 days.

(iv) If requested by the Administrator, test results utilizing the method and performed on a sample of commercially available distillate fuel which meets the applicable industry consensus and federal regulatory specifications and which contains the fuel marker.

(v) Any additional information requested by the Administrator and necessary to render a decision as to qualification of the test method.

(vi) The qualification of a test method is limited to the single test facility that performed the testing for accuracy and precision and any other required testing.

(3)(i) Within 90 days of receipt of all materials required to be submitted under paragraph (c)(1) or (c)(2) of this section, the Administrator shall determine whether to qualify the test method under this section. The Administrator shall qualify the test method if all materials required under this section are received and the test method meets the accuracy and precision criteria of paragraph (b) of this section.

(ii) If the Administrator denies approval of the test method, within 90 days of receipt of all materials required to be submitted under this section, the Administrator will notify the applicant of the reasons for not approving the method. If the Administrator does not notify the applicant within 90 days of receipt of the application, that the test method is not approved, then the test method shall be deemed approved.

(iii) If the Administrator finds that an individual test facility has provided false or inaccurate information under this section, upon notice from the Administrator, the qualification shall be void *ab initio.*

(iv) The qualification of any test method under this paragraph (c) shall be valid for the duration of the period during which the fuel marker

requirements remain applicable under this subpart.

(d) *Quality control procedures for fuel marker measurement instrumentation.* A test shall not be considered a test using a qualified test method unless the following quality control procedures are performed separately for each instrument used to make measurements:

(1) Follow all mandatory provisions of ASTM D 6299–02 and construct control charts from the mandatory quality control testing prescribed in paragraph 7.1 of the reference method, following guidelines under A 1.5.1 for individual observation charts and A 1.5.2 for moving range charts. The Director of the Federal Register approved the incorporation by reference of ASTM D 6299–02, Standard Practice for Applying Statistical Quality Assurance Techniques to Evaluate Analytical Measurement System Performance, as prescribed in 5 U.S.C. 552(a) and 1 CFR part 51. Anyone may purchase copies of this standard from the American Society for Testing and Materials, 100 Barr Harbor Dr., West Conshohocken, PA 19428. Anyone may inspect copies at the U.S. EPA, Air and Radiation Docket and Information Center, 1301 Constitution Ave., NW., Room B102, EPA West Building, Washington, DC 20460 or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: *http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.*

(2) Follow paragraph 7.3.1 of ASTM D 6299–02 to check standards using a reference material at least monthly or following any major change to the laboratory equipment or test procedure. Any deviation from the accepted reference value of a check standard greater than 0.10 milligrams per liter must be investigated.

(3) Samples of tested batches must be retained for 30 days or the period equal to the interval between quality control sample tests, whichever is longer.

(4) Upon discovery of any quality control testing violation of paragraph A 1.5.1.3 or A 1.5.2.1 of ASTM D 6299–02, or any check standard deviation greater than 0.10 milligrams per liter, conduct an investigation into the cause of such violation or deviation and, after restoring method performance to statistical control, retest retained samples from batches originally tested since the last satisfactory quality control material or check standard testing occasion.

(5) Retain results of quality control testing and retesting of retained samples under paragraph (d)(3) of this section for five years.

■ 45. A new § 80.583 is added to read as follows:

§ 80.583 What alternative sampling and testing requirements apply to importers who transport motor vehicle diesel fuel or NRLM diesel fuel by truck or rail car?

Importers who import diesel fuel subject to the 15 ppm sulfur standard under § 80.510(b) or (c) or 80.520(a) into the United States by truck or by rail car may comply with the following requirements instead of the requirements to sample and test each batch of fuel designated as subject to the 15 ppm sulfur standard under § 80.581 otherwise applicable to importers:

(a) *Terminal testing.* For purposes of determining compliance with the 15 ppm sulfur standard, the importer may use test results for sulfur content testing conducted by the foreign truck-loading or rail car-loading terminal operator for diesel fuel contained in the storage tank from which trucks or rail cars used to transport diesel fuel designated as subject to the 15 ppm sulfur content standard into the United States are loaded, provided the following conditions are met:

(1) The sampling and testing shall be performed after each receipt of diesel fuel into the storage tank, or immediately before each transfer of diesel fuel to the importer's truck or rail car.

(2) The sampling and testing shall be performed according to § 80.580.

(3) At the time of each transfer of diesel fuel to the importer's truck or rail car for import to the U.S., the importer must obtain a copy of the terminal test result that indicates the sulfur content of the truck or rail car load, or truck or rail car compartment load, as applicable.

(b) *Quality assurance program.* The importer must conduct a quality assurance program, as specified in this paragraph (b), for each truck or rail car loading terminal.

(1) Quality assurance samples must be obtained from the truck-loading or rail car loading terminal and tested by the importer, or by an independent laboratory, and the terminal operator must not know in advance when samples are to be collected.

(2) The sampling and testing must be performed using the methods specified in § 80.580.

(3) The frequency of the quality assurance sampling and testing must be at least one sample for each 50 of an importer's trucks or rail cars that are loaded at a terminal, or one sample per month, whichever is more frequent.

(c) *Party required to conduct quality assurance testing.* The quality assurance program under paragraph (b) of this section shall be conducted by the importer. In the alternative, this testing may be conducted by an independent laboratory that meets the criteria under § 80.65(f)(2)(iii), provided the importer receives copies of all results of tests conducted no later than 21 days after the sample was taken.

(d) *Alternative batch designations.* For purposes of maintaining batch records under §§ 80.592, 80.600, and 80.602, designation of batches under § 80.598, and reporting under §§ 80.593, 80.601, and 80.604:

(1) In lieu of treating each portion of a tank truck compartment delivered to a different facility as a different batch, a truck importer may treat each compartment as a batch, if all the fuel in the compartment is delivered only to retail outlets, wholesale purchaser-consumers or other end users. Where different compartments contain homogeneous product of identical designations, the total volume of those compartments may be treated as a single batch, if the entire volume is delivered only to retail outlets, wholesale purchaser-consumers or other ultimate consumers.

(2) Each portion of a rail car (or rail cars) delivery of a different designation or each delivery to a different facility is considered to be a separate batch.

(e) *EPA inspections of terminals.* EPA inspectors or auditors must be given full and immediate access to the truck or rail car-loading terminal and any laboratory at which samples of diesel fuel collected at the terminal are analyzed, and must be allowed to conduct inspections, review records, collect diesel fuel samples and perform audits. These inspections or audits may be either announced or unannounced.

(f) *Certified DFR-Diesel.* This section does not apply to Certified DFR-Diesel as defined in § 80.620.

(g) *Effect of noncompliance.* If any of the requirements of this section are not met, all motor vehicle diesel fuel and NRLM diesel fuel imported by the truck or rail car importer during the time the requirements are not met is deemed in violation of the 15 ppm sulfur diesel fuel standards in § 80.510(b) or (c) or § 80.520(a), as applicable. Additionally, if any requirement is not met, EPA may notify the importer of the violation, and, if the requirement is not fulfilled within 10 days of notification, the truck importer may not in the future use the sampling and testing provisions in this section in lieu of the provisions in § 80.581.

■ 46. A new § 80.584 is added to read as follows:

§ 80.584 What are the precision and accuracy criteria for approval of test methods for determining the sulfur content of motor vehicle and NRLM diesel fuel?

(a) *Precision.* (1) For motor vehicle diesel fuel and diesel fuel additives subject to the 15 ppm sulfur standard of § 80.520(a)(1) and NRLM diesel fuel and diesel fuel additives subject to the 15 ppm sulfur standard of § 80.510(b) and (c), a standard deviation less than 0.72 ppm, computed from the results of a minimum of 20 repeat tests made over 20 days on samples taken from a single homogeneous commercially available diesel fuel with a sulfur content in the range of 5–15 ppm. The 20 results must be a series of tests with a sequential record of the analyses and no omissions. A laboratory facility may exclude a given sample or test result only if the exclusion is for a valid reason under good laboratory practices and it maintains records regarding the sample and test results and the reason for excluding them.

(2) For motor vehicle diesel fuel subject to the 500 ppm sulfur standard of § 80.520(c), and for NRLM diesel fuel subject to the 500 ppm sulfur standard of § 80.510(a), of a standard deviation less than 9.68 ppm, computed from the results of a minimum of 20 repeat tests made over 20 days on samples taken from a single homogeneous commercially available diesel fuel with a sulfur content in the range of 200–500 ppm. The 20 results must be a series of tests with a sequential record of the analyses and no omissions. A laboratory facility may exclude a given sample or test result only if the exclusion is for a valid reason under good laboratory practices and it maintains records regarding the sample and test results and the reason for excluding them.

(b) *Accuracy.* (1) For motor vehicle diesel fuel and diesel fuel additives subject to the 15 ppm sulfur standard of § 80.520(a)(1) and NRLM diesel fuel and diesel fuel additives subject to the 15 ppm sulfur standard of § 80.510(b) and (c):

(i) The arithmetic average of a continuous series of at least 10 tests performed on a commercially available gravimetric sulfur standard in the range of 1–10 ppm sulfur shall not differ from the accepted reference value (ARV) of that standard by more than 0.54 ppm sulfur;

(ii) The arithmetic average of a continuous series of at least 10 tests performed on a commercially available gravimetric sulfur standard in the range of 10–20 ppm sulfur shall not differ from the ARV of that standard by more than 0.54 ppm sulfur; and

(iii) In applying the tests of paragraphs (b)(1)(i) and (ii) of this section, individual test results shall be compensated for any known chemical interferences.

(2) For motor vehicle diesel fuel subject to the 500 ppm sulfur standard of § 80.520(c), and for NRLM diesel fuel subject to the 500 ppm sulfur standard of § 80.510(a):

(i) The arithmetic average of a continuous series of at least 10 tests performed on a commercially available gravimetric sulfur standard in the range of 100–200 ppm sulfur shall not differ from the ARV of that standard by more than 7.26 ppm sulfur;

(ii) The arithmetic average of a continuous series of at least 10 tests performed on a commercially available gravimetric sulfur standard in the range of 400–500 ppm sulfur shall not differ from the ARV of that standard by more than 7.26 ppm sulfur; and

(iii) In applying the tests of paragraphs (b)(2)(i) and (ii) of this section, individual test results shall be compensated for any known chemical interferences.

■ 47. A new § 80.585 is added to read as follows:

§ 80.585 What is the process for approval of a test method for determining the sulfur content of diesel?

(a) *Approval of test methods approved by voluntary consensus-based standards bodies.* For such a method to be approved, the following information must be submitted to the Administrator by each test facility for each test method that it wishes to have approved: Any test method approved by a voluntary consensus-based standards body, such as the American Society for Testing and Materials (ASTM) or International Standards Organization (ISO), shall be approved as a test method for determining the sulfur content of diesel fuel if it meets the applicable accuracy and precision criteria under § 80.584. The approval of a test method is limited to the single test facility that performed the testing for accuracy and precision. The individual facility must submit the accuracy and precision results for each method, including information on the date and time of each test measurement used to demonstrate precision, following procedures established by the Administrator.

(b) *Approval of test methods not approved by a voluntary consensus-based standards body.* For such a method to be approved, the following information must be submitted to the Administrator by each test facility for each test method that it wishes to have approved:

(1) Full test method documentation, including a description of the technology and/or instrumentation that makes the method functional.

(2) Information demonstrating that the test method meets the applicable accuracy and precision criteria of § 80.584, including information on the date and time of each test measurement used to demonstrate precision.

(3) If requested by the Administrator, test results from use of the method to analyze samples of commercially available fuel provided by EPA.

(4) Any additional information requested by the Administrator and necessary to render a decision as to approval of the test method.

(c) *Sample retention.* Samples used for precision and accuracy determination must be retained for 90 days.

(d) *EPA approval.* (1) Within 90 days of receipt of all materials required to be submitted under paragraph (a) or (b) of this section, the Administrator shall determine whether the test method is approved under this section.

(2) If the Administrator denies approval of the test method, within 90 days of receipt of all materials required to be submitted under paragraph (a) or (b) of this section, the Administrator will notify the applicant of the reasons for not approving the method. If the Administrator does not notify the applicant within 90 days of receipt of the application, that the test method is not approved, then the test method shall be deemed approved.

(3) If the Administrator finds that an individual test facility has provided false or inaccurate information under this section, upon notice from the Administrator the approval shall be void *ab initio.*

(4) The approval of any test method under paragraph (b) of this section shall be valid for five years from the date of approval by the Administrator and shall not be extended. If the method is later approved by a voluntary consensus-based standards body, the approval shall remain valid as long as the conditions of paragraph (a) of this section are met.

(e) *Quality assurance procedures for sulfur measurement instrumentation.* A test shall not be considered a test using an approved test method unless the following quality control procedures are performed separately for each instrument used to make measurements:

(1) Follow all mandatory provisions of ASTM D 6299–02 and construct control charts from the mandatory quality control testing prescribed in paragraph

7.1 of the reference method, following guidelines under A 1.5.1 for individual observation charts and A 1.5.2 for moving range charts. The Director of the Federal Register approved the incorporation by reference of ASTM D 6299–02, Standard Practice for Applying Statistical Quality Assurance Techniques to Evaluate Analytical Measurement System Performance, as prescribed in 5 U.S.C. 552(a) and 1 CFR part 51. Anyone may purchase copies of this standard from the American Society for Testing and Materials, 100 Barr Harbor Dr., West Conshohocken, PA 19428. Anyone may inspect copies at the U.S. EPA, Air and Radiation Docket and Information Center, 1301 Constitution Ave., NW., Room B102, EPA West Building, Washington, DC 20460 or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: *http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.*

(2) Follow paragraph 7.3.1 of ASTM D 6299–02 to check standards using a reference material at least monthly or following any major change to the laboratory equipment or test procedure. Any deviation from the accepted reference value of a check standard greater than 1.44 ppm (for diesel fuel subject to the 15 ppm sulfur standard) or 19.36 ppm (for diesel fuel subject to the 500 ppm sulfur standard) must be investigated.

(3) Samples of tested batches must be retained for 30 days or the period equal to the interval between quality control sample tests, whichever is longer.

(4) Upon discovery of any quality control testing violation of paragraph A 1.5.1.3 or A 1.5.2.1 of ASTM D 6299–02, or any check standard deviation greater than 1.44 ppm (for diesel fuel subject to the 15 ppm sulfur standard) or 19.36 ppm (for diesel fuel subject to the 500 ppm sulfur standard), conduct an investigation into the cause of such violation or deviation and, after restoring method performance to statistical control, retest retained samples from batches originally tested since the last satisfactory quality control material or check standard testing occasion.

■ 48. A new § 80.586 is added to read as follows:

§ 80.586 What are record retention requirements for test methods approved under this subpart?

Each individual test facility must retain records related to the establishment of accuracy and precision values, all test method documentation, and any quality control testing and analysis under §§ 80.582, 80.584 and 80.585, for five years.

■ 49. Section 80.590 is revised to read as follows:

§ 80.590 What are the product transfer document requirements for motor vehicle diesel fuel, NRLM diesel fuel, heating oil and other distillates?

(a) On each occasion that any person transfers custody or title to MVNRLM diesel fuel or heating oil, including distillates used or intended to be used as MVNRLM diesel fuel or heating oil, except when such fuel is dispensed into motor vehicles or nonroad, locomotive, or marine equipment, the transferor must provide to the transferee documents which include the following information:

(1) The names and addresses of the transferor and transferee.

(2) The volume of diesel fuel or distillate which is being transferred.

(3) The location of the diesel fuel or distillate at the time of the transfer.

(4) The date of the transfer.

(5) For transfers of MVNRLM diesel fuel, the sulfur content standard the transferor represents the fuel to meet.

(6) Beginning June 1, 2006, when an entity transfers custody of a distillate fuel designated under § 80.598, the following information must also be included:

(i) The facility registration number of the transferor issued under § 80.597, if any.

(ii) An accurate and clear statement of the applicable designation and/or classification under § 80.598, for example, 500 ppm sulfur NRLM diesel fuel; and whether the fuel is dyed or undyed, and for heating oil, whether marked or unmarked.

(7) For transfers of title or custody from one facility to another in the distribution system where diesel fuel or distillates are taxed, dyed or marked, and for any subsequent transfers (except when such fuel is dispensed into motor vehicles or nonroad, locomotive or marine equipment), an accurate statement on the product transfer document of the applicable fuel uses and classifications, as follows:

(i) *Undyed 15 ppm sulfur diesel fuel.* For the period from June 1, 2006 and beyond, ''15 ppm sulfur (maximum) Undyed Ultra-Low Sulfur Diesel Fuel For use in all diesel vehicles and engines.'' From June 1, 2006 through May 31, 2010, the product transfer document must also state whether the diesel fuel is #1D or #2D.

(ii) *Dyed 15 ppm sulfur diesel fuel.* From June 1, 2006 and beyond, ''15 ppm sulfur (maximum) Dyed Ultra-Low Sulfur Diesel Fuel. For use in all nonroad diesel engines. Not for use in highway vehicles or engines except for tax-exempt use in accordance with section 4082 of the Internal Revenue Code.''

(iii) *Undyed 500 ppm sulfur diesel fuel.* From June 1, 2006 through September 30, 2010, ''500 ppm sulfur (maximum) Undyed Low Sulfur Diesel Fuel. For use in Model Year 2006 and older diesel highway vehicles and engines. Also for use in nonroad, locomotive, and marine diesel engines. Not for use in model year 2007 and newer highway vehicles or engines.''

(iv) *Dyed 500 ppm sulfur diesel fuel.* (A) For the period of June 1, 2006 through September 30, 2010, ''500 ppm sulfur (maximum) Dyed Low Sulfur Nonroad, Locomotive or Marine Diesel Fuel. Not for use in highway vehicles or engines except for use in Model Year 2006 and older highway diesel vehicles or engines for tax-exempt use in accordance with section 4082 of the Internal Revenue Code.''

(B) From June 1, 2010 through September 30, 2014, ''500 ppm sulfur (maximum) Dyed Low Sulfur Nonroad Diesel Fuel. For use in model year 2010 and older nonroad diesel engines. May be used in locomotive and marine diesel engines. Not for use in highway vehicles and engines or model year 2011 or later nonroad engines other than locomotive or marine diesel engines. Not for use in the Northeast/Mid-Atlantic Area.''

(C) For dyed locomotive and marine diesel fuel beginning June 1, 2010, ''500 ppm sulfur (maximum) Dyed Low Sulfur Locomotive and Marine diesel fuel. Not for use in highway or other nonroad vehicles and engines.''

(v) *Dyed High Sulfur NRLM Fuel.* From June 1, 2007 through September 30, 2010, ''High Sulfur Dyed Nonroad, Locomotive, or Marine Engine Diesel fuel—sulfur content may exceed 500 ppm sulfur. Not for use in highway vehicles or engines. Not for use in any nonroad engines requiring Ultra-Low Sulfur Diesel Fuel. Not for use in the Northeast/Mid-Atlantic Area.''

(vi) *Heating oil.* For heating oil produced or imported beginning June 1, 2007, ''Heating Oil. Not for use in highway vehicles or engines or nonroad, locomotive, or marine engines.''

(b) The following may be substituted for the descriptions in paragraph (a) of this section, as appropriate:

(1) ''This is high sulfur diesel fuel for use only in Guam, American Samoa, or the Northern Mariana Islands.'';

(2) ''This diesel fuel is for export use only.'';

(3) ''This diesel fuel is for research, development, or testing purposes only.''; or

(4) ''This diesel fuel is for use in diesel highway vehicles or nonroad equipment under an EPA-approved national security exemption only.''

(c) If undyed and/or unmarked distillate fuel is dyed and/or marked subsequent to the issuance of a product transfer document, at the time the distillate fuel is dyed and/or marked, a new product transfer document must be prepared with the language under paragraph (a)(7) of this section applicable to the changed fuel and provided to subsequent transferees.

(d) Except for transfers to truck carriers, retailers or wholesale purchaser-consumers, product codes may be used to convey the information required under this section if such codes are clearly understood by each transferee. Codes used to convey the statement in paragraphs (a)(7)(i) and (ii) of this section must contain the number ''15'', and codes used to convey the statement in paragraphs (a)(7)(iii) and (iv) of this section must contain the number ''500''. Codes used to convey the statement in paragraph (a)(7)(v) of this section must contain the statement ''greater than 500'' or ''>500''.

(e) From June 1, 2001 through May 31, 2005, any transfer subject to this section, which is also subject to the early credit provisions of § 80.531(b), must comply with all applicable requirements of this section.

(f) From June 1, 2005 through May 31, 2006, any transfer subject to this section, which is also subject to the early credit requirements of § 80.531(c), must comply with all applicable requirements of this section.

(g) *Mobile refuelers.* The provisions of this section shall also apply to a mobile refueler that dispenses fuel from tanker trucks or other vessels into motor vehicles, nonroad diesel engines or nonroad diesel engine equipment. Each visit by the mobile refueler to a location shall be considered a separate occasion for purposes of paragraph (a) of this section. The tank trucks used by mobile refuelers are not subject to the labeling requirements in §§ 80.570 through 80.574.

(h) Identifications of fuel designations can be limited to a sub-designation that accurately identifies the fuel and do not need to also include the broader designation. For example, NR diesel fuel does not also need to be designated as NRLM or MVNRLM diesel fuel.

■ 50. Section 80.591 is revised to read as follows:

§ 80.591 What are the product transfer document requirements for additives to be used in diesel fuel?

(a) Except as provided in paragraphs (b) and (d) of this section, on each occasion that any person transfers custody or title to a diesel fuel additive that is subject to the provisions of § 80.521 to a party in the additive distribution system or in the diesel fuel distribution system for use downstream of the diesel fuel refiner, the transferor must provide to the transferee documents which identify the additive, and—

(1) Identify the name and address of the transferor and transferee; the date of transfer; the location at which the transfer took place; the volume of additive transferred; and

(2) Indicate compliance with the 15 ppm sulfur standard by inclusion of the following statement: ''The sulfur content of this diesel fuel additive does not exceed 15 ppm.''

(b) On each occasion that any person transfers custody or title to a diesel fuel additive subject to the requirements of § 80.521(b), to a party in the additive distribution system or in the diesel fuel distribution system for use in diesel fuel downstream of the diesel fuel refiner, the transferor must provide to the transferee documents which identify the additive, and do each of the following:

(1) Identify the name and address of the transferor and transferee; the date of transfer; the location at which the transfer took place; the volume of additive transferred.

(2) Indicate the high sulfur potential of the additive by inclusion of the following statement:

This diesel fuel additive may exceed the federal 15 ppm sulfur standard. Improper use of this additive may result in non-complying diesel fuel.

(3) If the additive contains a static dissipater additive having a sulfur content greater than 15 ppm, include the following statement:

This diesel fuel contains a static dissipater additive having a sulfur content greater than 15 ppm.

(4) Include the following information:

(i) The additive's maximum sulfur concentration.

(ii) The maximum recommended concentration in volume percent for use of the additive in diesel fuel.

(iii) The contribution to the sulfur level of the fuel, in ppm, that would result if the additive is used at the maximum recommended concentration.

(c) Except for transfers of diesel fuel additives to truck carriers, retailers or wholesale purchaser-consumers, product codes may be used to convey the information required under paragraphs (a) and (b) of this section, if such codes are clearly understood by each transferee. Codes used to convey the statement in paragraph (a)(2) of this section must contain the number ''15'' and codes used to convey the statement in paragraph (b)(2) of this section must not contain such number.

(d) For those diesel fuel additives which are sold in containers for use by the ultimate consumer of diesel fuel, each transferor must have displayed on the additive container, in a legible and conspicuous manner, either of the following statements, as applicable:

(1) ''This diesel fuel additive complies with the federal low sulfur content requirements for use in diesel motor vehicles and nonroad engines.''; or

(2) For those additives sold in containers for use by the ultimate consumer, with a sulfur content in excess of 15 ppm the following statement: ''This diesel fuel additive does not comply with federal ultra-low sulfur content requirements for use in model year 2007 and newer diesel motor vehicles or model year 2011 and newer diesel nonroad equipment engines.''

■ 51. Section 80.592 is amended by revising the heading and paragraphs (a), (b) introductory text, (b)(4), (b)(7) introductory text, (c), (d), and (e) to read as follows:

§ 80.592 What records must be kept by entities in the motor vehicle diesel fuel and diesel fuel additive distribution systems?

(a) *Records that must be kept by entities in the motor vehicle diesel fuel and diesel fuel additive distribution systems.* Beginning June 1, 2006, or for a refiner or importer, the first compliance period in which the refiner or importer is generating early credits under § 80.531(b) or (c), whichever is earlier, any person who produces, imports, sells, offers for sale, dispenses, distributes, supplies, offers for supply, stores, or transports motor vehicle diesel fuel subject to the provisions of this subpart, must keep all the following records:

(1) The applicable product transfer documents required under §§ 80.590 and 80.591.

(2) For any sampling and testing for sulfur content for a batch of motor vehicle diesel fuel produced or imported and subject to the 15 ppm sulfur standard or any sampling and testing for sulfur content as part of a quality assurance testing program, and any sampling and testing for cetane index, aromatics content, solvent yellow 124 content or dye solvent red 164

content of motor vehicle diesel fuel or motor vehicle diesel fuel additives:

(i) The location, date, time and storage tank or truck identification for each sample collected;

(ii) The name and title of the person who collected the sample and the person who performed the testing; and

(iii) The results of the tests for sulfur content (including where applicable the test results with and without application of the adjustment factor under § 80.580(a)(4)) and for cetane index or aromatics content (as applicable), and the volume of product in the storage tank or container from which the sample was taken.

(3) The actions the party has taken, if any, to stop the sale or distribution of any motor vehicle diesel fuel found not to be in compliance with the sulfur standards specified in this subpart, and the actions the party has taken, if any, to identify the cause of any noncompliance and prevent future instances of noncompliance.

(b) *Additional records to be kept by refiners and importers of motor vehicle diesel fuel subject to hardship standards, small refiner standards and early credit provisions.* Beginning June 1, 2006, or for a refiner or importer, the first compliance period in which the refiner or importer is generating early credits under § 80.531(b) or (c), any refiner producing motor vehicle diesel fuel subject to the sulfur standard under § 80.520(a)(1), for each of its refineries, and any importer importing such motor vehicle diesel fuel, shall keep records that include the following information for each batch of motor vehicle diesel fuel produced or imported: * * *

(4) A record designating the batch as motor vehicle diesel fuel meeting the 500 ppm sulfur standard or as motor vehicle diesel fuel meeting the 15 ppm sulfur standard.

* * * * *

(7) Information regarding credits, kept separately for each calendar year compliance period, kept separately for each refinery and in the case of importers, kept separately for imports into each CTA, and designated as motor vehicle diesel fuel credits and kept separately from NRLM credits, as follows:

* * * * *

(c) *Additional records importers must keep.* Any importer shall keep records that identify and verify the source of each batch of certified diesel fuel program foreign refiner DFR-Diesel and non-certified DFR-Diesel imported and demonstrate compliance with the requirements under § 80.620.

(d) *Length of time records must be kept.* The records required in this section shall be kept for five years from the date they were created, except that records relating to credit transfers shall be kept by the transferor for 5 years from the date the credits were transferred, and shall be kept by the transferee for 5 years from the date the credits were transferred, used or terminated, whichever is later.

(e) *Make records available to EPA.* On request by EPA, the records required in this section must be made available to the Administrator or the Administrator's representative. For records that are electronically generated or maintained, the equipment and software necessary to read the records shall be made available, or if requested by EPA, electronic records shall be converted to paper documents which shall be provided to the Administrator's authorized representative.

■ 52. Section 80.593 is amended by revising the section heading and paragraphs (a)(3) and (c)(2) to read as follows:

§ 80.593 What are the reporting requirements for refiners and importers of motor vehicle diesel fuel subject to temporary refiner relief standards?

* * * * *

(a) * * *

(3) The percentage of the volume of motor vehicle diesel fuel produced during the compliance period that met the 15 ppm sulfur standard and the percentage that met the 500 ppm sulfur standard prior to the application of any volume credits.

* * * * *

(c) * * *

(2) Submitted to EPA no later than August 31 for the prior annual compliance period.

■ 53. Section 80.594 is amended by revising the section heading and paragraphs (a)(3), (a)(5), (b) introductory text, (b)(2), and (c), and adding paragraphs (a)(6), (a)(7), (a)(8), and (e) to read as follows:

§ 80.594 What are the pre-compliance reporting requirements for motor vehicle diesel fuel?

(a) Except as provided in paragraph (d) of this section, beginning on June 1, 2003, and on June 1, 2004 and June 1, 2005, all refiners and importers planning to produce or import motor vehicle diesel fuel subject to the provisions of this subpart, shall submit the following information to EPA:

* * * * *

(3) An estimate of the average daily volumes (in gallons) of each sulfur grade of motor vehicle diesel fuel produced (or imported) at each refinery (or import facility). These volume estimates must be provided both for fuel produced from crude oil, as well as any fuel produced from other sources, and must be provided for the periods of June 1, 2006 through December 31, 2006, January 1, 2007 through December 31, 2007, January 1, 2008 through December 31, 2008, January 1, 2009 through December 31, 2009, and January 1, 2010 through May 31, 2010, for each refinery and import facility;

* * * * *

(5) Information on project schedule by quarter of known or projected completion date by the stage of the project, for example, following the five project phases described in EPA's June 2002 Highway Diesel Progress Review report (EPA420–R–02–016, *http://www.epa.gov/otaq/regs/hd2007/420r02016.pdf*): Strategic planning, Planning and front-end engineering, Detailed engineering and permitting, Procurement and construction, and Commissioning and startup;

(6) Basic information regarding the selected technology pathway for compliance (*e.g.*, conventional hydrotreating vs other technologies, revamp vs grassroots, *etc.*);

(7) Whether capital commitments have been made or are projected to be made; and

(8) The pre-compliance reports due 2004 and 2005 must provide an update of the progress in each of these areas.

(b) Beginning on June 1, 2003, all approved motor vehicle diesel fuel small refiners shall submit the following additional information to EPA, as applicable:

* * * * *

(2) In case of a refinery with an approved application under § 80.552(c), a demonstration that by June 1, 2006 its motor vehicle diesel fuel will be at 15 ppm sulfur at a volume meeting the requirements of § 80.553(e).

(c) For each refiner and importer approved under § 80.540, a demonstration that by June 1, 2006, 95 percent of its motor vehicle diesel fuel will be at 15 ppm sulfur at a volume of meeting the requirements of § 80.540(e).

* * * * *

(e) The pre-compliance reporting requirements of this section do not apply to refineries subject to the provisions of § 80.513.

■ 54. Section 80.597 is revised to read as follows:

§ 80.597 What are the registration requirements?

The following registration requirements apply under this subpart:

(a) *Registration for motor vehicle diesel fuel.* Refiners having any refinery

that is subject to a sulfur standard under § 80.520(a), and importers importing such diesel fuel, must provide EPA the information under § 80.76, if such information has not been provided under the provisions of this part. In addition, for each import facility, the same identifying information as required for each refinery under § 80.76(c) must be provided.

(b) *Registration for NRLM diesel.* Refiners and importers that intend to produce or supply NRLM diesel fuel by June 1, 2007, must provide EPA the information under § 80.76 no later than December 31, 2005, if such information has not been provided under the provisions of this part. In addition, for each import facility, the same identifying information as required for each refinery under § 80.76(c) must be provided.

(c) *Entity registration.* (1) Each entity as defined in § 80.502 that intends to deliver or receive custody of any of the following fuels from June 1, 2007 through May 31, 2014 must register with EPA by December 31, 2005 or six months prior to commencement of producing, importing, or distributing any distillate subject to designation under § 80.598:

(i) Fuel designated as 500 ppm sulfur MVNRLM diesel fuel under § 80.598 on which taxes have not been assessed pursuant to IRS code (26 CFR part 48).

(ii) Fuel designated as NRLM diesel fuel under § 80.598 that is undyed pursuant to § 80.520.

(iii) Fuel designated as heating oil under § 80.598 that is unmarked pursuant to § 80.510(d) through (f).

(iv) Fuel designated as LM diesel fuel under § 80.598(a)(2)(iii) that is unmarked pursuant to § 80.510(e).

(2) Registration shall be on forms prescribed by the Administrator, and shall include the name, business address, contact name, telephone number, e-mail address, and type of production, importation, or distribution activity or activities engaged in by the entity.

(3) Registration shall include the information required under paragraph (d) of this section for each facility owned or operated by the entity that delivers or receives custody of a fuel described in paragraph (c)(1) of this section.

(d) *Facility registration.* (1) List for each separate facility of an entity required to register under paragraph (c) of this section, the facility name, physical location, contact name, telephone number, e-mail address and type of facility. For facilities that are aggregated under § 80.502, provide information regarding the nature and location of each of the components. If aggregation is changed for any subsequent compliance period, the entity must provide notice to EPA prior to the beginning of such compliance period.

(2) If facility records are kept off-site, list the off-site storage facility name, physical location, contact name, and telephone number.

(e) *Changes to registration information.* Any company or entity shall submit updated registration information to the Administrator within 30 days of any occasion when the registration information previously supplied for an entity, or any of its registered facilities, becomes incomplete or inaccurate.

(f) *Issuance of registration numbers.* EPA will supply a registration number to each entity and a facility registration number to each of an entity's facilities that is identified, which shall be used in all reports to the Administrator.

■ 55. A new § 80.598 is added to read as follows:

§ 80.598 What are the designation requirements for refiners, importers, and distributors?

(a) *Designation requirements for refiners and importers.* (1) Any refiner or importer shall accurately and clearly designate all fuel it produces or imports for use in diesel motor vehicles as either motor vehicle diesel fuel meeting the 15 ppm sulfur standard under § 80.520(a)(1) or as motor vehicle diesel fuel meeting the 500 ppm sulfur standard under § 80.520(c).

(2) Subject to the restrictions in paragraph (a)(3) of this section, beginning June 1, 2006, any refiner or importer shall accurately and clearly designate each batch of diesel fuel or distillate fuel for which they transfer custody to another entity, according to the following categories, including specifying its volume:

(i) Designate the fuel as one of the following fuel types:

(A) Motor vehicle, nonroad, locomotive or marine (MVNRLM) diesel fuel;

(B) Heating oil;

(C) Jet fuel;

(D) Kerosene;

(E) No. 4 fuel;

(F) Distillate fuel for export only; or

(G) Exempt distillate fuels such as fuels that are covered by a national security exemption under § 80.606, fuels that are used for purposes of research and development pursuant to § 80.607, and fuels used in the U.S. Territories pursuant to § 80.608 (including additional identifying information).

(ii) From June 1, 2006 through May 31, 2014 any batch designated as MVNRLM diesel fuel must also be designated as one of the following:

(A) Motor vehicle diesel fuel; or

(B) NRLM diesel fuel.

(iii) From June 1, 2010 through May 31, 2012 any batch designated as NRLM must also be designated as one of the following:

(A) NR diesel fuel; or

(B) LM diesel fuel.

(iv) Until June 1, 2014, any batch designated as MVNRLM diesel fuel must also be designated according to one of the following three sulfur level specifications:

(A) 15 ppm if its sulfur content is less than or equal to 15 ppm.

(B) 500 ppm if its sulfur content is less than or equal to 500 ppm.

(C) High Sulfur if its sulfur content is greater than 500 ppm.

(v) From June 1, 2006 through May 31, 2010, any batch designated as motor vehicle diesel fuel must also be designated according to one of the following two distillation classifications that most accurately represents the fuel:

(A) #1D.

(B) #2D.

(3) The following restrictions and clarifications apply:

(i) Prior to June 1, 2006, any batch of MVNRLM not containing visible evidence of red dye under § 80.520(b) must be designated as motor vehicle diesel fuel.

(ii) Any distillate fuel containing visible evidence of dye may not be designated as motor vehicle diesel fuel unless it is further designated as tax exempt motor vehicle diesel fuel.

(iii) Any distillate containing the marker required pursuant to the provisions of § 80.510(d) through (f) must be designated as heating oil, except that from June 1, 2010 through May 31, 2012 it may also be designated as LM diesel fuel, pursuant to § 80.510(e).

(iv) Prior to June 1, 2009 all 15 ppm sulfur MVNRLM diesel fuel must be designated as motor vehicle diesel fuel.

(v) Beginning June 1, 2010 any distillate fuel having a sulfur content greater than 15 ppm may not be designated as motor vehicle diesel fuel.

(vi) Beginning June 1, 2014, any distillate fuel having a sulfur content greater than to 15 ppm may not be designated as MVNRLM diesel fuel.

(vii) Any batch of #1D fuel which is suitable for use as MVNRLM and which is also suitable for use as kerosene or jet fuel (*i.e.,* commonly referred to as dual use kerosene) may be designated as MVNRLM, kerosene, or jet fuel (as applicable).

(viii) Beginning June 1, 2007, any distillate fuel with a sulfur content

greater than 500 ppm distributed or intended for distribution in the area specified in § 80.510(g)(1), may not be designated as MVNRLM diesel fuel.

(ix) From June 1, 2010 through May 31, 2012, any distillate fuel with a sulfur content greater than 15 ppm distributed or intended for distribution in the area specified in § 80.510(g)(1), may not be designated as NR diesel fuel.

(x) From June 1, 2012 through May 31, 2014, any distillate fuel with a sulfur content greater than 15 ppm distributed or intended for distribution in the area specified in § 80.510(g)(1), may not be designated as NRLM diesel fuel.

(xi) Beginning June 1, 2007, any distillate fuel with a sulfur content greater than 500 ppm distributed or intended for distribution in the area specified in § 80.510(g)(2) may not be designated as NRLM diesel fuel unless EPA has first approved a compliance plan for the refiner for segregating the fuel from all other types of NRLM diesel fuel from the refinery gate to the ultimate consumer, as specified under § 80.554(a)(4).

(xii) From June 1, 2010 through May 31, 2012, any distillate fuel with a sulfur content greater than 15 ppm distributed or intended for distribution in the area specified in § 80.510(g)(2) may not be designated as NR diesel fuel unless EPA has first approved a compliance plan for the refiner for segregating the fuel from all other types of NRLM diesel fuel from the refinery gate to the ultimate consumer, as specified under § 80.554(b)(4).

(xiii) From June 1, 2012 through May 31, 2014, any distillate fuel with a sulfur content greater than 15 ppm distributed or intended for distribution in the area specified in § 80.510(g)(2) may not be designated as NRLM diesel fuel unless, EPA has first approved a compliance plan for the refiner for segregating the fuel from all other types of NRLM diesel fuel from the refinery gate to the ultimate consumer, as specified under § 80.554(b)(4).

(xiv) Beginning June 1, 2014, any distillate fuel with a sulfur content greater than 15 ppm may not be designated as MVNRLM diesel fuel.

(b) *Designation requirements for fuel distributors.* (1) Pursuant to the provisions of paragraphs (b)(2) through (b)(9) of this section, beginning June 1, 2006, any distributor shall accurately and clearly designate each batch of diesel fuel or distillate fuel for which they transfer custody to another facility, including specifying its volume, as specified in this paragraph (b). Distributors must also accurately and clearly classify such diesel fuel and distillate fuel by sulfur content, while it is in their custody between receipt and delivery.

(2) From June 1, 2006 through May 31, 2009, whenever custody of a batch of 15 ppm sulfur motor vehicle diesel fuel is transferred to another facility, the entity transferring custody must accurately and clearly designate the batch as one of the following and specify its volume:

(i) #1D 15 ppm sulfur motor vehicle diesel fuel.

(ii) #2D 15 ppm sulfur motor vehicle diesel fuel.

(3) From June 1, 2009 through May 31, 2010, whenever custody of a batch of 15 ppm sulfur MVNRLM diesel fuel is transferred to another facility, the entity transferring custody must accurately and clearly designate the batch as one of the following and specify its volume:

(i) #1D 15 ppm sulfur motor vehicle diesel fuel.

(ii) #2D 15 ppm sulfur motor vehicle diesel fuel.

(iii) 15 ppm sulfur NRLM diesel fuel.

(4) From June 1, 2006 through May 31, 2010, whenever custody of a batch of undyed, 500 ppm sulfur MVNRLM is transferred to another facility, the entity transferring custody must accurately and clearly designate the batch as one of the following and specify its volume:

(i) #1D 500 ppm sulfur motor vehicle diesel fuel;

(ii) #2D 500 ppm sulfur motor vehicle diesel fuel; or

(iii) 500 ppm sulfur NRLM diesel fuel.

(5) From June 1, 2007 through May 31, 2010, whenever custody of a batch of distillate fuel (other than jet fuel, kerosene, No. 4 fuel, or fuel for export) having a sulfur content greater than 500 ppm is transferred to another facility, the entity transferring custody must accurately and clearly designate the batch as one of the following and specify its volume:

(i) High sulfur NRLM diesel fuel (HSNRLM);

(ii) Heating oil; or

(iii) Exempt distillate fuels such as fuels that are covered by a national security exemption under § 80.606, fuels that are used for purposes of research and development pursuant to § 80.607, and fuels used in the U.S. Territories pursuant to § 80.608 (including additional identifying information).

(6) From June 1, 2010 through May 31, 2012, whenever custody of a batch of distillate fuel (other than jet fuel, kerosene, No. 4 fuel, or fuel for export) having a sulfur content greater than 15 ppm is transferred to another facility, the entity transferring custody must accurately and clearly designate the batch as one of the following and specify its volume:

(i) 500 ppm sulfur NR diesel fuel;

(ii) 500 ppm sulfur LM diesel fuel;

(iii) Heating oil; or

(iv) Exempt distillate fuels such as fuels that are covered by a national security exemption under § 80.606, fuels that are used for purposes of research and development pursuant to § 80.607, and fuels used in the U.S. Territories pursuant to § 80.608 (including additional identifying information).

(7) From June 1, 2012 through May 31, 2014, whenever custody of a batch of distillate fuel (other than jet fuel, kerosene, No. 4 fuel, or fuel for export) having a sulfur content greater than 15 ppm is transferred to another facility, the entity transferring custody must accurately and clearly designate the batch as one of the following and specify its volume:

(i) 500 ppm sulfur NRLM diesel fuel;

(ii) Heating oil; or

(iii) Exempt distillate fuels such as fuels that are covered by a national security exemption under § 80.606, fuels that are used for purposes of research and development pursuant to § 80.607, and fuels used in the U.S. Territories pursuant to § 80.608 (including additional identifying information).

(8) Beginning June 1, 2014, whenever custody of a batch of distillate fuel (other than jet fuel, kerosene, No. 4 fuel, or fuel for export) having a sulfur content greater than 15 ppm is transferred to another facility, the entity transferring custody must accurately and clearly designate the batch as one of the following and specify its volume:

(i) 500 ppm sulfur LM diesel fuel;

(ii) Heating oil; or

(iii) Exempt distillate fuels such as fuels that are covered by a national security exemption under § 80.606, fuels that are used for purposes of research and development pursuant to § 80.607, and fuels used in the U.S. Territories pursuant to § 80.608 (including additional identifying information).

(9) The following restrictions and clarifications apply. Subject to the provisions of this paragraph (b)(9) and subject to the dye and marker provisions of § 80.520(b) and § 80.510(d) through (f), when custody of a batch of distillate fuel is transferred, the designation provided by the entity transferring custody pursuant to paragraphs (b)(1) through (b)(8) of this section may be different from the designation of the fuel when that same entity received custody.

(i) Any 500 ppm sulfur diesel fuel designated under this paragraph (b) and containing visible evidence of red dye may not be designated as motor vehicle diesel fuel.

(ii) Any distillate fuel containing greater than or equal to 0.10 milligrams

per liter of marker solvent yellow 124 required under § 80.510(d), (e), or (f) must be designated as heating oil except that from June 1, 2010 through October 1, 2012 it may also be designated as LM diesel fuel as specified under § 80.510(e).

(iii) Any batch of #1D fuel which is suitable for use as MVNRLM diesel fuel and which is also suitable for use as kerosene or jet fuel (*i.e.*, commonly referred to as dual use kerosene) may be designated as either MVNRLM diesel fuel, kerosene, or jet fuel (as applicable).

(iv) Any MVNRLM diesel fuel with a sulfur content of 500 ppm or less in inventory as of June 1, 2007 may be designated as motor vehicle diesel fuel.

(v) Batches or portions of batches of fuel received designated as 15 ppm sulfur #2D motor vehicle diesel fuel may be re-designated as 500 ppm sulfur motor vehicle diesel fuel, but only in accordance with the limitations of § 80.527(c).

(vi) Batches or portions of batches received designated as 500 ppm sulfur NRLM diesel fuel may be re-designated as 500 ppm sulfur motor vehicle diesel fuel by a truck loading terminal only if the terminal maintains a neutral or positive balance at the end of each quarterly compliance period on their motor vehicle diesel fuel volume from June 1, 2007 as calculated in § 80.599(b)(4).

(vii) Batches or portions of batches received designated as 500 ppm sulfur NRLM diesel fuel may be re-designated as 500 ppm sulfur motor vehicle diesel fuel by a facility other than a truck loading terminal only if the following restrictions are met:

(A) At the end of each annual compliance period, the facility has a neutral or positive balance on its motor vehicle diesel fuel volume from June 1, 2007 as calculated in § 80.599(b)(4); and

(B) At the end of each annual compliance period, the facility's balance for motor vehicle diesel fuel volume, from the beginning of the compliance period must be less than two percent of the total volume of motor vehicle diesel fuel received during the compliance period, as calculated in § 80.599(b)(5).

(viii) For facilities in areas other than those specified in § 80.510(g)(1) and (g)(2), batches or portions of batches of unmarked distillate received designated as heating oil may be re-designated as NRLM or LM diesel fuel only if the following restrictions are met:

(A) From June 1, 2007 through May 31, 2010, for any compliance period, the volume of high sulfur NRLM diesel fuel delivered from a facility cannot be greater than the volume received, unless the volume of heating oil delivered from the facility is also greater than the volume it received by an equal or greater proportion, as calculated in § 80.599(c)(2); and

(B) Beginning June 1, 2010, for any compliance period, the volume of fuel designated as heating oil delivered from a facility cannot be less than the volume of fuel designated as heating oil received, as calculated in § 80.599(c)(4).

(ix) For facilities in areas other than those specified in § 80.510(g)(1) and (g)(2), from June 1, 2010 through May 31, 2012, batches or portions of batches received designated as 500 ppm LM diesel fuel may be redesignated as 500 ppm NR diesel fuel only if for any compliance period the following restrictions are met:

(A) The volume of fuel designated as 500 ppm sulfur NR diesel fuel delivered from the facility cannot be greater than the volume received as calculated in § 80.599(d)(2)(i); or

(B) The volume of fuel designated as 500 ppm sulfur NR diesel fuel delivered from the facility in relation to the volume received is not a greater proportion than the volume of fuel designated as 500 ppm sulfur LM diesel fuel delivered from the facility in relation to the volume received, as calculated in § 80.599(d)(2)(ii).

(x) Notwithstanding the provisions of paragraph (b)(5) of this section, beginning October 1, 2007,

(A) No distillate fuel with a sulfur content greater than 500 ppm distributed or intended for distribution in the areas specified in § 80.510(g)(1) and (g)(2), may be designated as NRLM diesel fuel, including LM diesel fuel except as provided in paragraph (b)(9)(xiii) of this section; and

(B) Distillate fuel with a sulfur content greater than 500 ppm distributed from within the areas specified in § 80.510(g)(1) and (g)(2) to areas outside these areas is subject to the provisions of paragraph (b)(5) of this section.

(xi) Notwithstanding the provisions of paragraphs (b)(6) through (b)(8) of this section, beginning October 1, 2010—

(A) No distillate fuel with a sulfur content greater than 15 ppm distributed or intended for distribution in the areas specified in § 80.510(g)(1) and (g)(2), may be designated as NR diesel fuel, except as provided in paragraph (b)(9)(xiv) of this section; and

(B) Distillate fuel with a sulfur content greater than 15 ppm distributed from within the areas specified in § 80.510(g)(1) and (g)(2) to areas outside these areas is subject to the provisions of paragraphs (b)(6) through (b)(7) of this section.

(xii) Notwithstanding the provisions of paragraphs (b)(7) and (8) of this section, beginning October 1, 2012—

(A) No distillate fuel with a sulfur content greater than 15 ppm distributed or intended for distribution in the areas specified in § 80.510(g)(1) and (g)(2), may be designated as NRLM diesel fuel, including LM diesel fuel, except as provided in paragraph (b)(9)(xv) of this section; and

(B) Distillate fuel with a sulfur content greater than 15 ppm distributed from within the areas specified in § 80.510(g)(1) and (g)(2) to areas outside these areas is subject to the provisions of paragraphs (b)(7) and (8) of this section.

(xiii) From June 1, 2007 through September 30, 2010, in the area specified in § 80.510(g)(2) only segregated batches of distillate fuel received designated as HSNRLM diesel fuel may be distributed designated as HSNRLM diesel fuel and must remain segregated from fuel with any other designations unless otherwise approved by EPA in a refiner compliance plan under § 80.554(a)(4).

(xiv) From June 1, 2010 through September 30, 2012, in the area specified in § 80.510(g)(2) only segregated batches of distillate fuel received designated as 500 ppm sulfur NR diesel fuel may be distributed designated as 500 ppm sulfur NR diesel fuel and must remain segregated from fuel with any other designations and from any other 500 ppm sulfur NRLM diesel fuel from any other sources, except as approved by EPA in a refiner compliance plan under § 80.554(a)(4).

(xv) From June 1, 2012 through September 30, 2014, in the area specified in § 80.510(g)(2) only segregated batches of distillate fuel received designated as 500 ppm sulfur NRLM diesel fuel may be distributed designated as 500 ppm sulfur NRLM diesel fuel and must remain segregated from fuel with any other designations and from any other 500 ppm sulfur NRLM diesel fuel from any other sources, except as approved by EPA in a refiner compliance plan under § 80.554(a)(4).

(c) Notwithstanding the provisions of paragraph (b) of this section, an entity is not required to designate heating oil that is delivered from a facility that only receives heating oil which is marked pursuant to § 80.510(d) through (f).

(d) Notwithstanding the provisions of paragraph (b)(4) of this section, an entity is not required to designate 500 ppm sulfur MVNRLM diesel fuel that is delivered from a facility that only receives 500 ppm sulfur MVNRLM diesel fuel on which taxes have been

paid or into which red dye has been added pursuant to § 80.520(b).

(e) Notwithstanding the provisions of paragraph (b)(6) of this section, an entity is not required to designate 500 ppm sulfur LM diesel fuel that is delivered from a facility that only receives 500 ppm sulfur LM diesel fuel which is marked pursuant to § 80.510(e).

(f) Any entity that is both a distributor and a refiner or importer must comply with the provisions of paragraph (a) of this section for all distillate fuel produced or imported, and the provisions of paragraph (b) of this section for all distillate fuel for which it acted as distributor but not refiner or importer.

(g) No refiner, importer, or distributor may use the designation provisions of this section to circumvent the standards or requirements of § 80.510, 80.511, or 80.520.

■ 56. A new § 80.599 is added to read as follows:

§ 80.599 How do I calculate volume balances for designation purposes?

(a) *Quarterly compliance periods.* The quarterly compliance periods are shown in the following table:

Beginning date of quarterly compliance period	Ending date of quarterly compliance period
June 1, 2007	September 30, 2007.
October 1, 2007	December 31, 2007.
January 1, 2008	March 31, 2008.
April 1, 2008	June 30, 2008.
July 1, 2008	September 30, 2008.
October 1, 2008	December 31, 2008.
January 1, 2009	March 31, 2009.
April 1, 2009	June 30, 2009.
July 1, 2009	September 30, 2009.
October 1, 2009	December 31, 2009.
January 1, 2010	March 31, 2010.
April 1, 2010	May 31, 2010.
June 1, 2010	September 30, 2010.

(1) *Annual compliance periods.* The annual compliance periods before the period beginning July 1, 2015 are shown in the following table:

Beginning date of annual compliance period	Ending date of annual compliance period
June 1, 2007	June 30, 2008.
July 1, 2008	June 30, 2009.
July 1, 2009	May 31, 2010.
June 1, 2010	June 30, 2011.
July 1, 2011	May 31, 2012.
June 1, 2012	June 30, 2013.
July 1, 2013	May 31, 2014.
June 1, 2014	June 30, 2015.

(2) The annual compliance periods for the period beginning July 1, 2015 shall be from July 1, through June 30.

(b) *Volume balance for motor vehicle diesel fuel.* (1) A facility's motor vehicle diesel fuel volume balance is calculated as follows:

$$MVB = MV_I - MV_O - MV_{INVCHG}$$

Where:

MVB = the volume balance for motor vehicle diesel fuel for the compliance period.

MV_I = the total volume of all batches of fuel designated as motor vehicle diesel fuel received for the compliance period.

MV_O = the total volume of all batches of fuel designated as motor vehicle diesel fuel delivered for the compliance period.

MV_{INVCHG} = the total volume of 15 ppm sulfur and 500 ppm sulfur motor vehicle diesel fuel in inventory at the end of the compliance period minus the total volume of 15 ppm sulfur and 500 ppm sulfur motor vehicle diesel fuel in inventory at the beginning of the compliance period, including accounting for any corrections in inventory due to volume swell or shrinkage, difference in measurement calibration between receiving and delivering meters, and similar matters, where corrections that increase inventory are defined as positive.

(2) Calculate the motor vehicle diesel fuel received, as follows:

$$MV_I = MV15_I + MV500_I$$

Where:

$MV15_I$ = the total volume of all batches of fuel designated as 15 ppm sulfur motor vehicle diesel fuel received for the compliance period.

$MV500_I$ = the total volume of all batches of fuel designated as 500 ppm sulfur motor vehicle diesel fuel received for the compliance period.

(3) Calculate the motor vehicle diesel fuel delivered, as follows:

$$MV_O = MV15_O + MV500_O$$

Where:

$MV15_O$ = the total volume of all batches of fuel designated as 15 ppm sulfur motor vehicle diesel fuel and delivered during the compliance period.

$MV500_O$ = the total volume of all batches of fuel designated as 500 ppm sulfur motor vehicle diesel fuel and delivered during the compliance period.

(4) The neutral or positive volume balance required for purposes of compliance with § 80.598(b)(9)(vi) and (b)(9)(vii)(A) means that the net balance of motor vehicle diesel fuel in inventory as of the end of the last day of the compliance period ($MVNB_E$) must be greater than or equal to zero. $MVNB_E$ is defined by the following equation:

$$MVNB_E = MV15_{BINV} + MV500_{BINV} \sigma MVB$$

Where:

$MV15_{BINV}$ = the total volume of fuel designated as 15 ppm sulfur motor vehicle diesel fuel in inventory at the beginning of the program on June 1, 2007.

$MV500_{BINV}$ = the total volume of fuel designated as 500 ppm sulfur motor vehicle diesel fuel in inventory at the beginning of the program on June 1, 2007. Any #2D 500 ppm sulfur MVNRLM in inventory at the beginning of the program on June 1, 2007 may be designated as motor vehicle diesel fuel.

σMVB = the sum of the balances for motor vehicle diesel fuel for the current compliance period and previous compliance periods.

(5) The volume balance required for purposes of compliance with § 80.598(b)(9)(vii)(B) means:

$$-MVB \leq 0.02 \times MV_I$$

(6) Calculations in paragraphs (b)(4) and (b)(5) of this section may be combined for all facilities wholly owned by an entity.

(7) For purposes of calculations in paragraphs (b)(1) through (b)(5) of this section, for batches of fuel received from facilities without an EPA facility ID#, any batches of fuel received on which taxes have been paid pursuant to IRS code (26 CFR part 48) shall be deemed to be $MV15_I$ or $MV500_I$ as appropriate for purposes of this paragraph.

(c) *Volume balance for high sulfur NRLM diesel fuel and heating oil.* (1) A facility's high sulfur NRLM balance is calculated as follows:

$$HSNRLMB = HSNRLMI_I - HSNRLM_O - HSNRLM_{INVCHG}$$

Where:

HSNRLMB = the balance for high sulfur NRLM diesel fuel for the compliance period.

$HSNRLM_I$ = the total volume of all batches of fuel designated as high sulfur NRLM received diesel fuel for the compliance period.

$HSNRLM_O$ = the total volume of all batches of fuel designated as high sulfur NRLM diesel fuel delivered for the compliance period.

$HSNRLM_{INVCHG}$ = the volume of high sulfur NRLM diesel fuel in inventory at the end of the compliance period minus the volume of high sulfur NRLM diesel fuel in inventory at the beginning of the compliance period, including accounting for any corrections in inventory due to volume swell or shrinkage, difference in measurement calibration between receiving and delivering meters, and similar matters, where corrections that increase inventory are defined as positive.

(2) The volume balance required for purposes of compliance with § 80.598(b)(9)(viii)(A) means one of the following:

(i) $HSNRLMB \geq 0$

(ii) $(HSNRLM_O + HSNRLM_{INVCHG}) / HSNRLM_I \leq (HO_O + HO_{INVCHG}) / HO_I$

(3) A facility's heating oil volume balance is calculated as follows:

$$HOB = HO_I - HO_O - HO_{INVCHG}$$

Where:

HOB = the balance for heating oil for the compliance period.

HO_I = the total volume of all batches of fuel designated as heating oil received for the compliance period.

HO_O = the total volume of all batches of fuel designated as heating oil delivered to all downstream entities for the compliance period.

HO_{INVCHG} = the volume of heating oil in inventory at the end of the compliance period minus the volume of heating oil in inventory at the beginning of the compliance period, including accounting for any corrections in inventory due to volume swell or shrinkage, difference in measurement calibration between receiving and delivering meters, and similar matters, where corrections that increase inventory are defined as positive.

(4) The volume balance required for purposes of compliance with § 80.598(b)(9)(viii)(B) means:

$HOB \leq 0$

(5) Calculations in paragraphs (c)(3) and (c)(4) of this section may be combined for all facilities wholly owned by an entity.

(6) For purposes of calculations in paragraphs (c)(1) through (c)(4) of this section, for batches of fuel received from facilities without an EPA facility ID#, any batches of fuel received marked pursuant to § 80.510(d) or (f) shall be deemed to be HO_I, any batches of fuel received marked pursuant to § 80.510(e) shall be deemed to be HO_I or $LM500_I$, any diesel fuel with less than or equal to 500 ppm sulfur that is dyed pursuant to § 80.520(b) and not marked pursuant to § 80.510(d) or (f) shall be deemed to be NRLM diesel fuel, and any diesel fuel with less than or equal to 500 ppm sulfur which is dyed pursuant to § 80.520(b) and not marked pursuant to § 80.510(e) shall be deemed to be NR diesel fuel.

(d) *Volume balance for NR diesel fuel.* (1) A facility's 500 ppm nonroad diesel fuel balance is calculated as follows:

$NR500B = NR500_I - NR500_O - NR500_{INVCHG}$

Where:

NR500B = the balance for 500 ppm sulfur NR diesel fuel for the compliance period.

$NR500_I$ = the total volume of all batches of fuel designated as 500 ppm sulfur NR diesel fuel received for the compliance period.

$NR500_O$ = the total volume of all batches of fuel designated as 500 ppm sulfur NR diesel fuel delivered for the compliance period.

$NR500_{INVCHG}$ = the volume of 500 ppm sulfur NR diesel fuel in inventory at the end of the compliance period minus the volume of 500 ppm sulfur NR diesel fuel in inventory at the beginning of the compliance period, and accounting for any corrections in inventory due to volume swell or shrinkage, difference in measurement calibration between receiving and delivering meters, and similar matters, where corrections that increase inventory are defined as positive.

(2) The volume balance required for purposes of compliance with § 80.598(b)(9)(ix) means one of the following:

(i) $NR500B \geq 0$

(ii) $(NR500_O + NR500_{INVCHG}) / NR500_I \leq (LM500_O + LM500_{INVCHG}) / LM500_I$.

Where:

$LM500_I$ = the total volume of all batches of fuel designated as 500 ppm sulfur LM diesel fuel received for the compliance period.

$LM500_O$ = the total volume of all batches of fuel designated as 500 ppm sulfur LM diesel fuel delivered for the compliance period.

$LM500_{INVCHG}$ = the volume of 500 ppm sulfur LM diesel fuel in inventory at the end of the compliance period minus the volume of 500 ppm sulfur LM diesel fuel in inventory at the beginning of the compliance period, and accounting for any corrections in inventory due to volume swell or shrinkage, difference in measurement calibration between receiving and delivering meters, and similar matters, where corrections that increase inventory are defined as positive.

(e) *Anti-downgrading for motor vehicle diesel fuel.* (1) A facility must satisfy the provisions in either paragraphs (e)(2), (e)(3), (e)(4), or (e)(5) of this section to comply with the anti-downgrading limitation of paragraph § 80.527(c)(1), for the annual compliance periods defined in § 80.527(c)(3).

(2) The volume of #2D 15 ppm sulfur motor vehicle delivered must meet the following requirement:

$(\#2MV15_O + \#2MV15_{INVCHG}) \geq 0.8 \times \#2MV15_I$

Where:

$\#2MV15_O$ = the total volume of fuel delivered during the compliance period that is designated as #2D 15 ppm sulfur motor vehicle diesel fuel.

$\#2MV15_{INVCHG}$ = the total volume of diesel fuel designated as #2D 15 ppm sulfur motor vehicle diesel fuel in inventory at the end of the compliance period minus the total volume of #2D 15 ppm sulfur motor vehicle diesel fuel in inventory at the beginning of the compliance period, and accounting for any corrections in inventory due to volume swell or shrinkage, difference in measurement calibration between receiving and delivering meters, and similar matters, where corrections that increase inventory are defined as positive.

$\#2MV15_I$ = the total volume of fuel received during the compliance period that is designated as #2D 15 ppm sulfur motor vehicle diesel fuel.

(3) The volume of #2D 500 ppm sulfur motor vehicle diesel fuel delivered must meet the following requirement:

$\#2MV500_O \leq \#2MV500_I - \#2MV500_{INVCHG} + 0.2 \times \#2MV15_I$

Where:

$\#2MV500_O$ = the total volume of fuel delivered during the compliance period that is designated as #2D 500 ppm sulfur motor vehicle diesel fuel.

$\#2MV500_I$ = the total volume of fuel received during the compliance period that is designated as #2D 500 ppm sulfur motor vehicle diesel fuel.

$\#2MV500_{INVCHG}$ = the total volume of diesel fuel designated as #2D 500 ppm sulfur motor vehicle diesel fuel in inventory at the end of the compliance period minus the total volume of #2D 500 ppm sulfur motor vehicle diesel fuel in inventory at the beginning of the compliance period, and accounting for any corrections in inventory due to volume swell or shrinkage, difference in measurement calibration between receiving and delivering meters, and similar matters, where corrections that increase inventory are defined as positive.

(4) The following calculation may be used to account for wintertime blending of kerosene:

$\#2MV500_O \leq \#2MV500_I - \#2MV500_{INVCHG} + 0.2 * (\#1MV15_I + \#2MV15_I)$

Where:

$\#1MV15_I$ = the total volume of fuel received during the compliance period that is designated as #1D 15 ppm sulfur motor vehicle diesel fuel.

(5) The following calculation may be used to account for wintertime blending of kerosene and/or changes in the facility's volume balance of motor vehicle diesel fuel resulting from a temporary shift of 500 ppm sulfur NRLM diesel fuel to 500 ppm sulfur motor vehicle diesel fuel during the compliance period:

$\#2MV500_O < \#2MV500_I - \#2MV500_{INVCHG} + 0.2 * \#2MV15_I + \#1MV15_B + \#2NRLM500_S$

Where:

$\#1MV15_B$ = the total volume of fuel received during the compliance period that is designated as #1D 15 ppm sulfur motor vehicle diesel fuel and that the facility can demonstrate they blended into #2D 500 ppm sulfur motor vehicle diesel fuel.

$\#2NRLM500_S$ = the total volume of #2D 500 ppm sulfur NRLM diesel fuel that the facility can demonstrate they redesignated as #2D 500 ppm sulfur motor vehicle diesel fuel during the compliance period.

(f) *Inventory adjustments.* Adjustments to inventory under this section must be based on normal business practices for the industry, appropriate physical plant operations and use of good engineering judgments.

(g) *Unique circumstances.* EPA may, at its discretion, grant a fuel distributor's application to modify its inventory of motor vehicle diesel fuel, NRLM diesel fuel, or heating oil for a

given compliance period. EPA may grant an application to address unique circumstances, where appropriate, such as the start up of a new pipeline or pipeline segment.

■ 57. The center header ''EXEMPTIONS'' before § 80.600 is removed.

■ 58. Section 80.600 is revised to read as follows:

§ 80.600 What records must be kept for purposes of the designate and track provisions?

(a) In addition to the requirements of § 80.592 and § 80.602, the following recordkeeping requirements shall apply to refiners and importers:

(1) Any refiner or importer shall maintain the records specified in paragraphs (a)(6) through (a)(10) of this section for each batch of distillate fuel that it transfers custody of and designates during the time period from June 1, 2006 through May 31, 2010, with the following categories:

(i) #1D 15 ppm sulfur motor vehicle diesel fuel;

(ii) #2D 15 ppm sulfur motor vehicle diesel fuel;

(iii) 15 ppm sulfur NRLM diesel fuel;

(iv) #1D 500 ppm sulfur motor vehicle diesel fuel;

(v) #2D 500 ppm sulfur motor vehicle diesel fuel; or

(vi) 500 ppm sulfur NRLM diesel fuel.

(2) Any refiner or importer shall maintain the records specified in paragraphs (a)(6) through (a)(10) of this section for each batch of distillate fuel that it transfers custody of and designates during the time period from June 1, 2007 through May 31, 2010 with the following categories:

(i) High sulfur NRLM diesel fuel; or

(ii) Heating oil.

(3) Any refiner or importer shall maintain the records specified in paragraphs (a)(6) through (a)(10) of this section for each batch of distillate fuel that it transfers custody of and designates during the time period from June 1, 2010 through May 31, 2012 with the following categories:

(i) 500 ppm sulfur NR diesel fuel;

(ii) 500 ppm sulfur LM diesel fuel; or

(iii) Heating oil.

(4) Any refiner or importer shall maintain the records specified in paragraphs (a)(6) through (a)(10) of this section for each batch of distillate fuel that it transfers custody of and designates during the time period from June 1, 2012 through May 31, 2014 with the following categories:

(i) 500 ppm sulfur NRLM diesel fuel; or

(ii) Heating oil.

(5) Any refiner or importer shall maintain the records specified in paragraphs (a)(6) through (a)(10) of this section for each batch of heating oil that it transfers custody of and designates during the time period from June 1, 2014 and later as belonging to the heating oil category.

(6) The records for each batch with designations identified in paragraphs (a)(1) through (a)(5) of this section must clearly and accurately identify the batch number (including an indication as to whether the batch was received into the facility or delivered from the facility), date and time of day (if multiple batches are delivered per day) that custody was transferred, the designation, the volume in gallons of the batch, and the name and the EPA entity and facility registration number of the facility to whom such batch was transferred.

(i) For motor vehicle diesel fuel, the records must also identify whether the batch was received or delivered with or without taxes paid pursuant to Section 4082 of the Internal Revenue Code (26 U.S.C. 4082).

(ii) For NRLM diesel fuel, the records must also identify whether the batch was received or delivered with or without dye added pursuant to Section 4082 of the Internal Revenue Code (26 U.S.C. 4082).

(iii) For heating oil, the records must also identify whether the batch was received or delivered with or without the marker added pursuant to § 80.510(d) through (f).

(iv) For LM diesel, the records must also identify whether the batch was received or delivered with or without the marker added pursuant to § 80.510(e).

(7) Any refiner or importer shall, for each of its facilities, maintain records that clearly and accurately identify the total volume in gallons of designated fuel identified in paragraphs (a)(1) through (a)(5) of this section transferred over each compliance period. The records shall be maintained separately for each fuel designated in paragraphs (a)(1) through (a)(5) of this section, and for each EPA entity and facility registration number to whom custody of the fuel was transferred.

(8) Notwithstanding the provisions of paragraphs (a)(6) and (a)(7) of this section, records of batches delivered of 500 ppm sulfur motor vehicle diesel fuel on which taxes have been paid per Section 4082 of the Internal Revenue Code (26 U.S.C. 4082) and of 500 ppm sulfur NRLM diesel fuel into which dye has been added per Section 4082 of the Internal Revenue Code (26 U.S.C. 4082), and of 500 ppm sulfur LM diesel fuel which has been properly marked pursuant to § 80.510(e) are not required to be maintained separately for each entity and facility to which the fuel was delivered.

(9) Notwithstanding the provisions of paragraphs (a)(6) and (a)(7) of this section, records of heating oil batches delivered that have been properly marked pursuant to § 80.510(d) through (f) and records of LM diesel fuel batches delivered that have been properly marked pursuant to § 80.510(e) are not required to be maintained separately for each entity and facility to which the fuel was delivered.

(10) Any refiner or importer shall maintain copies of all product transfer documents required under § 80.590. If all information required in paragraph (a)(6) of this section is on the product transfer document for a batch, then the provisions of this paragraph (a)(10) shall satisfy the requirements of paragraph (a)(6) of this section for that batch.

(11) Any refiner or importer shall maintain records related to annual compliance calculations performed under § 80.599 and to information required to be reported to the Administrator under § 80.601.

(12) Records must be maintained that demonstrate compliance with a refiner's compliance plan required under § 80.554, for distillate fuel designated as high sulfur NRLM diesel fuel and delivered from June 1, 2007 through May 31, 2010, for distillate fuel designated as 500 ppm sulfur NR diesel fuel and delivered from June 1, 2010 through May 31, 2012, and for distillate fuel designated as 500 ppm sulfur NRLM diesel fuel and delivered from June 1, 2012 through June 1, 2014 in the areas specified in § 80.510(g)(2).

(b) In addition to the requirements of § 80.592 and § 80.602, the following recordkeeping requirements shall apply to distributors:

(1) Any distributor shall maintain the records specified in paragraphs (b)(2) through (b)(10) of this section for each batch of distillate fuel with the following designations for which custody is received or delivered. Records shall be kept separately for each of its facilities.

(i) For each facility that receives #2D 15 ppm sulfur motor vehicle diesel fuel and distributes any #2D 500 ppm sulfur motor vehicle diesel fuel, records for each batch of diesel fuel with the following designations for which custody is received or delivered during the time period from June 1, 2006 through May 31, 2007:

(A) #1D 15 ppm sulfur motor vehicle diesel fuel;

(B) #2D 15 ppm sulfur motor vehicle diesel fuel;

(C) #2D 500 ppm sulfur motor vehicle diesel fuel; or

(D) 500 ppm sulfur NRLM diesel fuel.

(ii) For each facility, records for each batch of diesel fuel with the following designations for which custody is received or delivered during the time period from June 1, 2007 through May 31, 2010:

(A) #1D 15 ppm sulfur motor vehicle diesel fuel;

(B) #2D 15 ppm sulfur motor vehicle diesel fuel;

(C) #1D 500 ppm sulfur motor vehicle diesel fuel;

(D) #2D 500 ppm sulfur motor vehicle diesel fuel;

(E) 500 ppm sulfur NRLM diesel fuel;

(F) 15 ppm sulfur NRLM diesel fuel;

(G) High sulfur NRLM diesel fuel; or

(H) Heating oil.

(iii) For each facility that receives unmarked fuel designated as NR diesel fuel, LM diesel fuel or heating oil, records for each batch of diesel fuel with the following designations for which custody is received or delivered during the time period from June 1, 2010 through May 31, 2012:

(A) 500 ppm sulfur NR diesel fuel;

(B) 500 ppm sulfur LM diesel fuel; or

(C) Heating oil.

(iv) For each facility that receives unmarked fuel designated as heating oil, records for each batch of diesel fuel with the following designations for which custody is received or delivered during the time period from June 1, 2012 through May 31, 2014:

(A) 500 ppm sulfur NRLM diesel fuel; or

(B) Heating oil.

(v) For each facility that receives unmarked fuel designated as heating oil, records for each batch of diesel fuel with the following designations for which custody is received or delivered during the time period beginning June 1, 2014:

(A) 500 ppm sulfur LM diesel fuel; or

(B) Heating oil.

(vi) From June 1, 2007 through May 31, 2010, for those facilities in the areas specified in § 80.510(g)(2) that receive unmarked fuel designated as high sulfur NRLM diesel fuel:

(A) High sulfur NRLM diesel fuel; or

(B) Heating oil.

(vii) From June 1, 2010 through May 31, 2012, for those facilities in the areas specified in § 80.510(g)(2) that receive unmarked fuel designated as 500 ppm sulfur NR diesel fuel, 500 ppm sulfur LM diesel fuel, or heating oil:

(A) 500 ppm sulfur NR diesel fuel;

(B) 500 ppm sulfur LM diesel fuel; or

(C) Heating oil.

(viii) From June 1, 2012 through May 31, 2014, for those facilities in the areas specified in § 80.510(g)(2) that receive unmarked fuel designated as 500 ppm sulfur NRLM diesel fuel or heating oil.

(A) 500 ppm sulfur NRLM diesel fuel; or

(B) Heating oil.

(2) Records that for each batch clearly and accurately identify the batch number (including an indication as to whether the batch was received into the facility or delivered from the facility), date and time of day (if multiple batches are delivered per day) that custody was transferred, the designation, the volume in gallons of each batch of each fuel, and the name and the EPA entity and facility registration number of the facility to whom or from whom such batch was transferred.

(i) For motor vehicle diesel fuel the records must also identify whether the batch was received or delivered with or without taxes paid pursuant to section 4082 of the Internal Revenue Code (26 U.S.C. 4082).

(ii) For NRLM diesel fuel, the records must also identify whether it was received or delivered with or without dye added pursuant to Section 4082 of the Internal Revenue Code (26 U.S.C. 4082).

(iii) For heating oil, the records must also identify whether it was received or delivered with or without the marker added pursuant to § 80.510(d) through (f).

(iv) For LM diesel fuel, the records must also identify whether it was received or delivered with or without the marker added pursuant to § 80.510(e).

(v) For batches of fuel received from facilities without an EPA facility registration number, any batches of fuel received marked pursuant to § 80.510(d) or (f) shall be deemed designated as heating oil, any batches of fuel received marked pursuant to § 80.510(e) shall be deemed designated as heating oil or LM diesel fuel, any batches of fuel received on which taxes have been paid pursuant to Section 4082 of the Internal Revenue Code (26 U.S.C. 4082) shall be deemed designated as motor vehicle diesel fuel, any 500 ppm sulfur diesel fuel dyed pursuant to § 80.520(b) and not marked pursuant to § 80.510(d) or (f) shall be deemed designated as NRLM diesel fuel, and any diesel fuel with less than or equal to 500 ppm sulfur which is dyed pursuant to § 80.520(b) and not marked pursuant to § 80.510(e) shall be deemed to be NR diesel fuel.

(3) Records that clearly and accurately identify the total volume in gallons of each designated fuel identified under paragraph (b)(1) of this section transferred over each of the compliance periods, and over the periods from June 1, 2007 to the end of each compliance period. The records shall be maintained separately for each fuel designated under paragraph (b)(1) of this section, and for each EPA entity and facility registration number from whom the fuel was received or to whom it was delivered. For batches of fuel received from facilities without an EPA facility registration number, any batches of fuel received marked pursuant to § 80.510(d) or (f) shall be deemed designated as heating oil, any batches of fuel received marked pursuant to § 80.510(e) shall be deemed designated as heating oil or LM diesel fuel, any batches of fuel received on which taxes have been paid pursuant to Section 4082 of the Internal Revenue Code (26 U.S.C. 4082) shall be deemed designated as motor vehicle diesel fuel, any 500 ppm sulfur diesel fuel dyed pursuant to § 80.520(b) and not marked pursuant to § 80.510(d) or (f) shall be deemed designated as NRLM diesel fuel, and any diesel fuel with less than or equal to 500 ppm sulfur which is dyed pursuant to § 80.520(b) and not marked pursuant to § 80.510(e) shall be deemed to be NR diesel fuel.

(4) Notwithstanding the provisions of paragraphs (b)(2) and (b)(3) of this section, for batches of 500 ppm sulfur motor vehicle diesel fuel delivered on which taxes have been paid per Section 4082 of the Internal Revenue Code (26 U.S.C. 4082) and 500 ppm sulfur NRLM diesel fuel into which red dye has been added per Section 4082 of the Internal Revenue Code (26 U.S.C. 4082), records are not required to be maintained separately for each entity or facility to whom fuel was delivered.

(5) Notwithstanding the provisions of paragraphs (b)(2) and (b)(3) of this section, for batches of heating oil delivered that are marked pursuant to § 80.510(d) through (f), records do not need to identify the EPA entity or facility registration number to which fuel was delivered.

(6) Notwithstanding the provisions of paragraphs (b)(2) and (b)(3) of this section, for batches of LM diesel fuel delivered that are marked pursuant to § 80.510(e), records do not need to identify the EPA entity or facility registration number to which fuel was delivered.

(7) Records that clearly and accurately reflect the beginning and ending inventory volume for each of the fuels for which records must be kept under paragraph (b)(1) of this section. Such records shall be maintained separately by each entity and facility consistent with the compliance periods defined in §§ 80.598 and 80.599.

(8) (i) If adjustments are made to inventory, the records must include detailed information related to the amount, type of, and reason for such adjustment.

(ii) If adjustments are made because of measurement error or variation, the records must include the adjustment made, the meter or gauge or other reading(s), and the name of the person who took such reading(s) and or applied the adjustment.

(9) For distributors that are required to keep records under paragraphs (b)(1) through (b)(8) of this section for truck loading terminals, records related to quarterly or annual compliance calculations, as applicable, performed under § 80.599 and to information required to be reported to the Administrator under § 80.601.

(10) For distributors that are required to keep records under paragraphs (b)(1) through (b)(8) of this section for facilities other than truck loading terminals, records related to annual compliance calculations performed under § 80.599 and to information required to be reported to the Administrator under § 80.601.

(c) Notwithstanding the provisions of paragraph (b) of this section, records of heating oil received are not required to be maintained for facilities that do not receive any heating oil which is unmarked pursuant to § 80.510(d) through (f), or LM diesel fuel which is unmarked pursuant to § 80.510(e).

(d) Notwithstanding the provisions of paragraph (b) of this section, records of 500 ppm sulfur MVNRLM diesel fuel received are not required to be maintained for facilities that do not receive any motor vehicle diesel fuel for which taxes have not already been paid pursuant to Section 4082 of the Internal Revenue Code (26 U.S.C. 4082) or NRLM diesel fuel which is undyed pursuant to § 80.520(b).

(e) The provisions of paragraphs (b)(1)(iii) and (iv) of this section do not apply to facilities located in the areas specified in § 80.510(g)(1) and (g)(2) unless they deliver marked heating oil or LM diesel fuel to areas outside the areas specified in § 80.510(g)(1) and (g)(2).

(f) Ultimate consumers that receive any batch of high sulfur NRLM diesel fuel beginning June 1, 2007 in areas listed in § 80.510(g)(2) must maintain records of each batch of fuel received for use in NRLM equipment pursuant to the compliance plan provisions of § 80.554, unless otherwise allowed by EPA.

(g) Ultimate consumers that receive any batch of 500 ppm sulfur NR diesel fuel beginning June 1, 2010 or NRLM diesel fuel beginning June 1, 2012 in the areas listed in § 80.510(g)(2) must maintain records of each batch of fuel received for use in NR or NRLM equipment, as appropriate, pursuant to the compliance plan provisions of § 80.554, unless otherwise allowed by EPA.

(h) For purposes of this section, each portion of a shipment of designated distillate fuel under this section that is differently designated from any other portion, even if shipped as fungible product having the same sulfur content, shall be a separate batch.

(i) The records required in this section must be made available to the Administrator or the Administrator's designated representative upon request.

(j) Notwithstanding the provisions of this section, product transfer documents must be maintained under the provisions of §§ 80.590, 80.592, and 80.602.

(k) The records required in this section must be kept for five years after they are required to be collected.

(l) Identifications of fuel designations can be limited to a sub-designation that accurately identifies the fuel and do not need to also include the broader designation. For example, NR diesel fuel does not also need to be designated as NRLM or MVNRLM diesel fuel.

■ 59. Section 80.601 is revised to read as follows:

§ 80.601 What are the reporting requirements for purposes of the designate and track provisions?

(a) *Quarterly reporting.* Beginning November 30, 2007 and continuing through August 31, 2010, each entity required to maintain records under § 80.600 must report the following information separately for each of its facilities to the Administrator on a quarterly basis, as specified in paragraph (e)(1) of this section:

(1) Separately for each designation category and separately for each transferee facility, the total volume in gallons of distillate fuel designated under § 80.598 for which custody was delivered by the reporting facility to any other entity or facility, and the EPA entity and facility registration number(s), as applicable, of the transferee.

(2) Separately for each designation category and separately for each transferor facility, the total volume in gallons of distillate fuel designated under § 80.598 for which custody was received by the reporting facility, and the EPA entity and facility registration number(s), as applicable, of the transferor.

(3) Any entity that receives custody of distillate fuel from another entity or facility that does not have an EPA facility identification number must report such batches as follows:

(i) Any batch of distillate fuel for which custody is received and which is marked pursuant to § 80.510(d) or (f) shall be deemed designated as heating oil, any batch of distillate fuel for which custody is received and which is marked pursuant to § 80.510(e) shall be deemed designated as heating oil or LM diesel fuel as applicable, and the report shall include that information under that designation.

(ii) Any batch of distillate fuel for which custody is received and for which taxes have been paid pursuant to Section 4082 of the Internal Revenue Code (26 U.S.C. 4082) shall be deemed designated as motor vehicle diesel fuel and the report shall include it under that designation.

(iii) Any batch of 500 ppm sulfur diesel fuel dyed pursuant to § 80.520(b) and not marked pursuant to § 80.510(d) and (f), and for which custody is received, shall be deemed designated as NRLM diesel fuel and the report shall include it under that designation.

(iv) Any batch of 500 ppm sulfur diesel fuel dyed pursuant to § 80.520(b) and not marked pursuant to § 80.510(e), and for which custody is received, shall be deemed designated as NR diesel fuel and the report shall include it under that designation.

(4) In the case of truck loading terminals, the results of all compliance calculations required under § 80.599, and including:

(i) The total volumes received of each fuel designation required to be reported in paragraphs (a)(1) through (a)(3) of this section over the quarterly compliance period.

(ii) The total volumes delivered of each fuel designation required to be reported in paragraphs (a)(1) through (a)(3) of this section over the quarterly compliance period.

(iii) Beginning and ending inventories of each fuel designation required to be reported in paragraphs (a)(1) through(a)(3) of this section over the quarterly compliance period.

(iv) The volume balance under § 80.599(b)(4) and § 80.598(b)(9)(vi).

(v) The volume balance under § 80.599(c)(2) and § 80.598(b)(9)(viii)(A).

(b) *Annual reports.* Beginning August 31, 2007, all entities required to maintain records for batches of fuel under § 80.600 must report the following information separately for each of its facilities to the Administrator on an annual basis, as specified in paragraph (e)(2) of this section:

(1) Separately for each designation category for which records are required to be kept under § 80.600 and separately for each transferor facility, the total volume in gallons of distillate fuel designated under § 80.598 for which custody was received by the reporting

facility, and the EPA entity and facility registration number(s), as applicable, of the transferor.

(2) Separately for each designation category for which records are required to be kept under § 80.600 and separately for each transferee facility, the total volume in gallons of distillate fuel designated under § 80.598 for which custody was delivered by the reporting facility to any other entity or facility, and the EPA entity and facility registration number(s), as applicable, of the transferee except as provided under § 80.600(a)(7), (a)(8), (b)(4), and (b)(5).

(3) The results of all compliance calculations required under § 80.599, and including:

(i) The total volumes in gallons received of each fuel designation required to be reported in paragraph (b)(1) of this section over the applicable annual compliance period.

(ii) The total volumes in gallons delivered of each fuel designation required to be reported in paragraph (b)(2) of this section over the applicable annual compliance period.

(iii) Beginning and ending inventories of each fuel designation required to be reported in paragraphs (b)(1) and (b)(2) of this section for the annual compliance period.

(iv) In the areas specified in § 80.510(g)(2), for fuel designated as high sulfur NRLM diesel fuel delivered from June 1, 2007 through May 31, 2010, for fuel designated as 500 ppm NR diesel fuel delivered from June 1, 2010 through May 31, 2012, and for fuel designated as 500 ppm sulfur NRLM diesel fuel from June 1, 2012 through May 31, 2014, the refiner must report all information required under its compliance plan approved pursuant to § 80.554(a)(4) and (b)(4) and including the ultimate consumers to whom each batch of fuel was delivered and the total delivered to each ultimate consumer for the compliance period.

(v) Ending with the report due August 31, 2010, the volume balance under § 80.598(b)(9)(vi) and § 80.599(b)(4).

(vi) Ending with the report due August 31, 2010, the volume balance under § 80.598(b)(9)(vii) and § 80.599(b)(5), if applicable.

(vii) Ending with the report due August 31, 2010, the volume balance under § 80.598(b)(9)(viii)(A) and § 80.599(c)(2).

(viii) Beginning with the report due August 31, 2010, the volume balance under § 80.598(b)(8)(viii)(B) and § 80.599(c)(4).

(ix) Beginning with the report due August 1, 2011 and ending with the report due August 1, 2012, the volume balance under § 80.598(b)(9)(ix) and § 80.599(d)(2).

(c) *Additional information.* The Administrator may request any additional information necessary to determine compliance with the requirements of §§ 80.598 and 80.599.

(d) *Submission of quarterly and annual reports.* (1) All quarterly reports shall be submitted to the Administrator for the compliance periods defined in § 80.599(a)(1) as follows:

(i) The first quarter report shall be submitted by the following November 30.

(ii) The second quarter report shall be submitted by the following February 28.

(iii) The third quarter report shall be submitted by the following May 31.

(iv) The fourth quarter report shall be submitted by the following August 31.

(2) All annual reports shall be submitted to the Administrator for the compliance periods defined in § 80.599(a)(2) by August 31.

(3) All reports shall be submitted on forms and following procedures specified by the Administrator, shall include a statement that volumes reported to the Administrator under this section are identical to volumes reported to the Internal Revenue Service and shall be signed and certified by a responsible corporate officer of the reporting entity.

(e) *Exclusions.* Notwithstanding the provisions of this section, an entity is not required to report under paragraphs (a) or (b) of this section for facilities whose only recordkeeping requirements under § 80.600 are under § 80.600 (f) or (g) or to maintain records solely related to calculating compliance with the downgrading limitation under § 80.527, § 80.599(e) and § 80.600(b)(1)(i) and (ii).

■ 60. Section 80.602 is revised to read as follows:

§ 80.602 What records must be kept by entities in the NRLM diesel fuel and diesel fuel additive production, importation, and distribution systems?

(a) *Records that must be kept by parties in the NRLM diesel fuel and diesel fuel additive production, importation, and distribution systems.* Beginning June 1, 2007, or June 1, 2006, if that is the first period credits are generated under § 80.535, any person who produces, imports, sells, offers for sale, dispenses, distributes, supplies, offers for supply, stores, or transports nonroad, locomotive or marine diesel fuel subject to the provisions of this subpart, must keep the following records:

(1) The applicable product transfer documents required under §§ 80.590 and 80.591.

(2) For any sampling and testing for sulfur content for a batch of NRLM diesel fuel produced or imported and subject to the 15 ppm sulfur standard or any sampling and testing for sulfur content as part of a quality assurance testing program, and any sampling and testing for cetane index, aromatics content, marker solvent yellow 124 content or dye solvent red 164 content of NRLM diesel fuel, NRLM diesel fuel additives or heating oil:

(i) The location, date, time and storage tank or truck identification for each sample collected;

(ii) The name and title of the person who collected the sample and the person who performed the testing; and

(iii) The results of the tests for sulfur content (including where applicable the test results with and without application of the adjustment factor under § 80.580(a)(4)), for cetane index or aromatics content, dye solvent red 164, marker solvent yellow 124 (as applicable), and the volume of product in the storage tank or container from which the sample was taken.

(3) The actions the party has taken, if any, to stop the sale or distribution of any NRLM diesel fuel found not to be in compliance with the sulfur standards specified in this subpart, and the actions the party has taken, if any, to identify the cause of any noncompliance and prevent future instances of noncompliance.

(b) *Additional records to be kept by refiners and importers of NRLM diesel fuel.* Beginning June 1, 2007, or June 1, 2006, pursuant to the provisions of § 80.535 or § 80.554(d), any refiner producing diesel fuel subject to a sulfur standard under § 80.510, § 80.513, § 80.536, § 80.554, § 80.660, or § 80.561, for each of its refineries, and any importer importing such diesel fuel separately for each facility, shall keep records that include the following information for each batch of NRLM diesel fuel or heating oil produced or imported:

(1) The batch volume.

(2) The batch number, assigned under the batch numbering procedures under § 80.65(d)(3).

(3) The date of production or import.

(4) A record designating the batch as one of the following:

(i) NRLM diesel fuel, NR diesel fuel, LM diesel fuel, or heating oil, as applicable.

(ii) Meeting the 500 ppm sulfur standard of § 80.510(a) or the 15 ppm sulfur standard of § 80.510(b) and (c) or other applicable standard.

(iii) Dyed or undyed with visible evidence of solvent red 164.

(iv) Marked or unmarked with solvent yellow 124.

(5) For foreign refiners and importers of their fuel, the designations and other records required to be kept under § 80.620.

(6) All of the following information regarding credits, kept separately for each compliance period, kept separately for each refinery and for each importer facility, kept separately if converted under § 80.535(a) and (b) or § 80.535(c) and (d), and kept separately from motor vehicle diesel fuel credits:

(i) The number of credits in the refiner's or importer's possession at the beginning of the calendar year.

(ii) The number of credits generated.

(iii) The number of credits used.

(iv) If any were obtained from or transferred to other parties, for each other party, its name, its EPA refiner or importer registration number consistent with § 80.597, and the number obtained from, or transferred to, the other party.

(v) The number in the refiner's or importer's possession that will carry over into the subsequent calendar year compliance period.

(vi) Commercial documents that establish each transfer of credits from the transferor to the transferee.

(7) The calculations used to determine baselines or compliance with the volume requirements and volume percentages, as applicable, under this subpart.

(8) The calculations used to determine the number of credits generated.

(9) A copy of reports submitted to EPA under § 80.604.

(c) *Additional records importers must keep.* Any importer shall keep records that identify and verify the source of each batch of certified DFR-Diesel and non-certified DFR-Diesel imported and demonstrate compliance with the requirements under § 80.620.

(d) *Length of time records must be kept.* The records required in this section shall be kept for five years from the date they were created, except that records relating to credit transfers shall be kept by the transferor for five years from the date the credits were transferred, and shall be kept by the transferee for five years from the date the credits were transferred, used or terminated, whichever is later.

(e) *Make records available to EPA.* On request by EPA, the records required in this section must be made available to the Administrator or the Administrator's representative. For records that are electronically generated or maintained, the equipment and software necessary to read the records shall be made available, or if requested by EPA, electronic records shall be converted to paper documents which shall be provided to the Administrator's authorized representative.

■ 61. A new § 80.603 is added to read as follows:

§ 80.603 What are the pre-compliance reporting requirements for NRLM diesel fuel?

(a) Except as provided in paragraph (c) of this section, beginning on June 1, 2005, and for each year until June 1, 2011, or until the entity produces or imports NR or NRLM diesel fuel meeting the 15 ppm sulfur standard of § 80.510(b) or (c), all refiners and importers planning to produce or import NR or NRLM diesel fuel, shall submit the following information to EPA:

(1) Any changes to the information submitted for the company registration;

(2) Any changes to the information submitted for any refinery or import facility registration;

(3) Any estimate of the average daily volumes (in gallons) of each sulfur grade of motor vehicle and NRLM diesel fuel produced (or imported) at each refinery (or import facility). These volume estimates must be provided both for fuel produced from crude oil, as well as any fuel produced from other sources, and must be provided for the periods of June 1, 2010 through December 31, 2010, calendar years 2011 through 2013, January 1, 2014 through May 31, 2014, and June 1, 2014 through December 31, 2014;

(4) If expecting to participate in the credit trading program, estimates of the number of credits to be generated and/or used each year the program;

(5) Information on project schedule by quarter of known or projected completion date by the stage of the project, for example, following the five project phases described in EPA's June 2002 Highway Diesel Progress Review report (EPA420-R–02–016, *http://www.epa.gov/otaq/regs/hd2007/420r02016.pdf*): Strategic planning, Planning and front-end engineering, Detailed engineering and permitting, Procurement and construction, and Commissioning and startup;

(6) Basic information regarding the selected technology pathway for compliance (*e.g.*, conventional hydrotreating vs. other technologies, revamp vs. grassroots, etc.);

(7) Whether capital commitments have been made or are projected to be made; and

(8) The pre-compliance reports due in 2006 and later years must provide an update of the progress in each of these areas.

(b) Reports under this section may be submitted in conjunction with reports submitted under § 80.594.

(c) The pre-compliance reporting requirements of this section do not apply to refineries subject to the provisions of § 80.513.

■ 62. A new § 80.604 is added to read as follows:

§ 80.604 What are the annual reporting requirements for refiners and importers of NRLM diesel fuel?

Beginning with the annual compliance period that begins June 1, 2007, or the first period during which credits are generated, transferred or used, or the first period during which NRLM diesel fuel or heating oil is produced under a small refiner compliance option under this subpart, whichever is earlier, any refiner or importer who produces or imports NRLM diesel fuel must submit annual compliance reports for each refinery and importer facility that contain the following information required, and such other information as EPA may require.

(a) *All refiners and importers.* (1) The refiner or importer's company name and the EPA company and facility identification number.

(2) If the refiner is a small refiner, a statement regarding to which small refiner option it is subject.

(b) *Small refiners.* (1) For each refinery of small refiners subject to the provisions of § 80.551(g) and § 80.554(a) for each compliance period from June 1, 2007 through May 31, 2010, report the following:

(i) The total volume of diesel fuel produced and designated as NRLM diesel fuel.

(ii) The volume of diesel fuel produced and designated as NRLM diesel fuel having a sulfur content less than or equal to the 500 ppm sulfur standard under § 80.510(a).

(iii) The total volume of diesel fuel produced and designated as NRLM diesel fuel having a sulfur content greater than the 500 ppm sulfur standard under § 80.510(a).

(iv) The total volume of heating oil produced.

(v) The baseline under § 80.554(a)(1).

(vi) The total volume of diesel fuel produced and designated as NRLM diesel fuel that is exempt from the 500 ppm sulfur standard of § 80.510(a).

(vii) The total volume, if any, of NRLM diesel fuel subject to the 500 ppm sulfur standard § 80.510(a) that had a sulfur content exceeding 500 ppm.

(2) For each refinery of small refiners subject to the provisions of § 80.551(g) and § 80.554(b), for each compliance period between June 1, 2010 and May 31, 2012, report the following:

(i) The total volume of diesel fuel produced and designated as NR diesel fuel.

(ii) The total volume of diesel fuel produced and designated as LM diesel fuel.

(iii) The total volume of diesel fuel produced and designated as NR diesel fuel subject to the 500 ppm sulfur standard under § 80.510(a).

(iv) The total volume of diesel fuel produced and designated as LM diesel fuel subject to the 500 ppm sulfur standard under § 80.510(a).

(v) The volume of diesel fuel produced and designated as NR diesel fuel having a sulfur content of 15 ppm or less.

(vi) The baseline under § 80.554(b)(1).

(vii) The total volume of NRLM diesel fuel produced that is eligible for the sulfur standard under § 80.510(a). (viii) The total volume, if any, of NRLM diesel fuel subject to the 15 ppm sulfur standard that had a sulfur content in excess of 15 ppm.

(3) For each refinery of small refiners subject to the provisions of § 80.551(g) and § 80.554(b), for each compliance period between June 1, 2012 and May 31, 2014, report the following:

(i) The total volume of diesel fuel produced and designated as NRLM diesel fuel.

(ii) The total volume diesel fuel produced and designated as NRLM diesel fuel subject to the 500 ppm sulfur standard under § 80.510(a).

(iii) The total volume of diesel fuel produced and designated as NRLM diesel fuel having a sulfur content less than or equal to the 15 ppm sulfur standard under § 80.510(c).

(iv) The baseline under § 80.554(b)(1).

(v) The total volume of NRLM diesel fuel produced that is eligible for the 500 ppm sulfur standard under § 80.510(a).

(vi) The total volume, if any, of NRLM diesel fuel subject to the 15 ppm sulfur standard that had a sulfur content in excess of 15 ppm.

(4) For each refinery of a small refiner that elects to produce NRLM diesel fuel subject to the 15 ppm sulfur standard of § 80.510(c) beginning June 1, 2006 under § 80.551(g) and § 80.554(d), for each compliance period report the following:

(i) The total volume of diesel fuel produced and designated as NRLM diesel fuel.

(ii) The total volume of diesel fuel produced and designated as NRLM diesel fuel having a sulfur content less than or equal to 15 ppm.

(iii) The percentages of NRLM diesel fuel produced and designated having a sulfur content less than or equal to 15 ppm under § 80.554(d)(1)(i) and (ii).

(iv) The deficit, if any, and the number of credits purchased, if any, to cover any deficit as provided in § 80.554(d)(3).

(v) A report of the small refiner's progress toward compliance with the gasoline standards under §§ 80.240 and 80.255.

(c) *Credit generation and use.* Information regarding the generation, use, transfer and retirement of credits, separately by refinery and import facility, including the following:

(1) The number of credits at the beginning of the compliance period.

(2) The number of credits generated.

(3) The number of credits used.

(4) If any credits were obtained from or transferred to other refineries or importers, for each other refinery or importer, the name, address, the EPA company identification number, and the number of credits obtained from or transferred to the other party.

(5) The number of credits retired.

(6) The credit balance at the beginning and end of the compliance period.

(d) *Batch reports.* For each batch of NRLM diesel fuel and heating oil (if applicable) produced or imported and delivered during the compliance periods under paragraph (b) of this section, include the following:

(1) The batch volume.

(2) The batch number assigned using the batch numbering conventions under § 80.65(d)(3) and the appropriate designation under § 80.598.

(3) The date of production or import.

(4) For each batch provide the information specified in paragraph (a)(1) of this section.

(5) The sulfur content and cetane and aromatics content of the fuel.

(6) Whether the batch was dyed with visible evidence of dye solvent red 164 before leaving the refinery or import facility or was undyed.

(7) Whether the batch was marked with marker solvent yellow 124 before leaving the refinery or import facility or was unmarked.

(e) *Additional reporting requirements for importers.* Importers of NRLM diesel fuel are subject to the following additional requirements:

(1) The reporting requirements under § 80.620, if applicable.

(2) Importers must exclude certified DFR–Diesel from calculations under this section.

(f) *Report submission.* Any report required by this section must be—

(1) On forms and following procedures specified by the Administrator of EPA;

(2) Signed and certified as meeting all the applicable requirements of this subpart by the owner or a responsible corporate officer of the refiner or importer; and

(3) Except for small refiners subject to § 80.554(d), submitted to EPA no later than August 31 each year for the prior annual compliance period. Small refiners subject to the provisions of § 80.554(d), reports must be submitted August 31 for the previous reporting period.

(4) With the exception of reports required under paragraph (b)(3) of this section, no reports will be required under this section after August 31, 2014.

■ 63. A center heading is added after § 80.604 to read as follows:

Exemptions

■ 64. A new § 80.606 is added to read as follows:

§ 80.606 What national security exemption applies to distillate fuel?

(a) The motor vehicle diesel fuel standards of § 80.520(a)(1), (a)(2), and (c) and the nonroad, locomotive or marine diesel fuel standards of § 80.510(a), (b), and (c) do not apply to distillate fuel that is produced, imported, sold, offered for sale, supplied, offered for supply, stored, dispensed, or transported for use in—

(1) Tactical military motor vehicles or tactical military nonroad engines, vehicles or equipment, including locomotive and marine, having an EPA national security exemption from the motor vehicle emissions standards under 40 CFR 85.1708, or from the nonroad engine emission standards under 40 CFR part 89, 40 CFR part 92, 40 CFR part 94, or 40 CFR part 1068; and

(2) Tactical military motor vehicles or tactical military nonroad engines, vehicles or equipment, including locomotive and marine, that are not subject to a national security exemption from vehicle or engine emissions standards as described in paragraph (a)(1) of this section but, for national security purposes (for purposes of readiness for deployment oversees), need to be fueled on the same fuel as the vehicles, engines, or equipment for which EPA has granted such a national security exemption.

(b) The exempt fuel must meet the following conditions:

(1) It must be accompanied by product transfer documents as required under § 80.590;

(2) It must be segregated from non-exempt MVNRLM diesel fuel at all points in the distribution system;

(3) It must be dispensed from a fuel pump stand, fueling truck or tank that is labeled with the appropriate designation of the fuel, such as ''JP–5'' or ''JP–8''; and

(4) It may not be used in any motor vehicles or nonroad engines, equipment or vehicles, including locomotive and marine, other than the vehicles, engines, and equipment referred to in paragraph (a) of this section.

■ 65. A new § 80.607 is added to read as follows:

§ 80.607 What are the requirements for obtaining an exemption for diesel fuel used for research, development or testing purposes?

(a) *Written request for a research and development exemption.* Any person may receive an exemption from the provisions of this subpart for diesel fuel used for research, development, or testing purposes by submitting the information listed in paragraph (c) of this section to:

Director, Transportation and Regional Programs Division (6406J), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW., Washington, DC 20460 (postal mail); or

Director, Transportation and Regional Programs Division, U.S. Environmental Protection Agency, 1310 L Street, NW., 6th floor, Washington, DC 20005 (express mail/courier); and

Director, Air Enforcement Division (2242A), U.S. Environmental Protection Agency, Ariel Rios Building, 1200 Pennsylvania Avenue, NW., Washington, DC 20460.

(b) *Criteria for a research and development exemption.* For a research and development exemption to be granted, the person requesting an exemption must—

(1) Demonstrate a purpose that constitutes an appropriate basis for exemption;

(2) Demonstrate that an exemption is necessary;

(3) Design a research and development program to be reasonable in scope; and

(4) Exercise a degree of control consistent with the purpose of the program and EPA's monitoring requirements.

(c) *Information required to be submitted.* To demonstrate each of the elements in paragraphs (b)(1) through (4) of this section, the person requesting an exemption must include the following information in the written request required under paragraph (a) of this section:

(1) A concise statement of the purpose of the program demonstrating that the program has an appropriate research and development purpose.

(2) An explanation of why the stated purpose of the program cannot be achieved in a practicable manner without performing one or more of the prohibited acts under this subpart.

(3) To demonstrate the reasonableness of the scope of the program:

(i) An estimate of the program's duration in time and, if appropriate, mileage;

(ii) An estimate of the maximum number of vehicles or engines involved in the program;

(iii) The manner in which the information on vehicles and engines used in the program will be recorded and made available to the Administrator upon request; and

(iv) The quantity of diesel fuel which does not comply with the requirements of §§ 80.520 and 80.521 for motor vehicle diesel fuel or § 80.510 for NRLM diesel fuel.

(4) With regard to control, a demonstration that the program affords EPA a monitoring capability, including the following:

(i) The site(s) of the program (including facility name, street address, city, county, state, and zip code);

(ii) The manner in which information on vehicles and engines used in the program will be recorded and made available to the Administrator upon request;

(iii) The manner in which information on the diesel fuel used in the program (including quantity, fuel properties, name, address, telephone number and contact person of the supplier, and the date received from the supplier), will be recorded and made available to the Administrator upon request;

(iv) The manner in which the party will ensure that the research and development fuel will be segregated from motor vehicle diesel fuel or NRLM diesel fuel, as applicable, and how fuel pumps will be labeled to ensure proper use of the research and development diesel fuel;

(v) The name, address, telephone number and title of the person(s) in the organization requesting an exemption from whom further information on the application may be obtained; and

(vi) The name, address, telephone number and title of the person(s) in the organization requesting an exemption who is responsible for recording and making available the information specified in this paragraph (c), and the location where such information will be maintained.

(d) *Additional requirements.* (1) The product transfer documents associated with research and development motor vehicle diesel fuel must comply with requirements of § 80.590(b)(3).

(2) The research and development diesel fuel must be designated by the refiner or supplier, as applicable, as research and development diesel fuel.

(3) The research and development diesel fuel must be kept segregated from non-exempt MVNRLM diesel fuel at all points in the distribution system.

(4) The research and development diesel fuel must not be sold, distributed, offered for sale or distribution, dispensed, supplied, offered for supply, transported to or from, or stored by a diesel fuel retail outlet, or by a wholesale purchaser-consumer facility, unless the wholesale purchaser-consumer facility is associated with the research and development program that uses the diesel fuel.

(5) At the completion of the program, any emission control systems or elements of design which are damaged or rendered inoperative shall be replaced on vehicles remaining in service, or the responsible person will be liable for a violation of the Clean Air Act section 203(a)(3) (42 U.S.C. 7522 (a)(3)) unless sufficient evidence is supplied that the emission controls or elements of design were not damaged.

(e) *Mechanism for granting of an exemption.* A request for a research and development exemption will be deemed approved by the earlier of 60 days from the date on which EPA receives the request for exemption, (provided that EPA has not notified the applicant of potential disapproval by that time), or the date on which the applicant receives a written approval letter from EPA.

(1) The volume of diesel fuel subject to the approval shall not exceed the estimated amount under paragraph (c)(3)(iv) of this section, unless EPA grants a greater amount in writing.

(2) Any exemption granted under this section will expire at the completion of the test program or three years from the date of approval, whichever occurs first, and may only be extended upon re-application consistent will all requirements of this section.

(3) The passage of 60 days will not signify the acceptance by EPA of the validity of the information in the request for an exemption. EPA may elect at any time to review the information contained in the request, and where appropriate may notify the responsible person of disapproval of the exemption.

(4) In granting an exemption the Administrator may include terms and conditions, including replacement of emission control devices or elements of design, that the Administrator determines are necessary for monitoring the exemption and for assuring that the purposes of this subpart are met.

(5) Any violation of a term or condition of the exemption, or of any requirement of this section, will cause the exemption to be void *ab initio.*

(6) If any information required under paragraph (c) of this section should change after approval of the exemption, the responsible person must notify EPA in writing immediately. Failure to do so may result in disapproval of the exemption or may make it void *ab initio,* and may make the party liable for a violation of this subpart.

(f) *Effects of exemption.* Motor vehicle diesel fuel or NRLM diesel fuel that is subject to a research and development exemption under this section is exempt from other provisions of this subpart provided that the fuel is used in a manner that complies with the purpose of the program under paragraph (c) of this section and the requirements of this section.

(g) *Notification of completion.* The party shall notify EPA in writing within 30 days after completion of the research and development program.

■ 66. A new § 80.608 is added to read as follows:

§ 80.608 What requirements apply to diesel fuel for use in the Territories?

The sulfur standards of § 80.520(a)(1) and (c) related to motor vehicle diesel fuel, and of § 80.510(a), (b), and (c) related to NRLM diesel fuel, do not apply to diesel fuel that is produced, imported, sold, offered for sale, supplied, offered for supply, stored, dispensed, or transported for use in the Territories of Guam, American Samoa or the Commonwealth of the Northern Mariana Islands, provided that such diesel fuel is—

(a) Designated by the refiner or importer as high sulfur diesel fuel only for use in Guam, American Samoa, or the Commonwealth of the Northern Mariana Islands;

(b) Used only in Guam, American Samoa, or the Commonwealth of the Northern Mariana Islands;

(c) Accompanied by documentation that complies with the product transfer document requirements of § 80.590(b)(1); and

(d) Segregated from non-exempt MVNRLM diesel fuel at all points in the distribution system from the point the diesel fuel is designated as exempt fuel only for use in Guam, American Samoa, or the Commonwealth of the Northern Mariana Islands, while the exempt fuel is in the United States but outside these Territories.

■ 67. Section 80.610 is revised to read as follows:

§ 80.610 What acts are prohibited under the diesel fuel sulfur program?

No person shall—

(a) *Standard, dye, marker or product violation.* (1) Produce, import, sell, offer for sale, dispense, supply, offer for supply, store or transport motor vehicle diesel fuel, NRLM diesel fuel, or heating oil that does not comply with the applicable standards, dye, marking or any other product requirements under this subpart I and 40 CFR part 69.

(2) Beginning June 1, 2007, produce, import, sell, offer for sale, dispense, supply, offer for supply, store or transport any diesel fuel for use in motor vehicle or nonroad engines that contains greater than 0.10 milligrams per liter of solvent yellow 124, except for 500 ppm sulfur diesel fuel produced or imported from June 1, 2010 through September 30, 2012 for use only in locomotive or marine diesel engines that is marked under the provisions of § 80.510(e).

(3) Beginning June 1, 2007, produce, import, sell, offer for sale, dispense, supply, offer for supply, store or transport heating oil for use in any nonroad diesel engine, including any locomotive or marine diesel engine.

(b) *Designation and volume balance violation.* Produce, import, sell, offer for sale, dispense, supply, offer for supply, store or transport motor vehicle diesel, NRLM diesel fuel, heating oil or other distillate that does not comply with the applicable designation or volume balance requirements under §§ 80.598 and 80.599.

(c) *Additive violation.* (1) Produce, import, sell, offer for sale, dispense, supply, offer for supply, store or transport any motor vehicle diesel fuel additive or NRLM diesel fuel additive for use at a downstream location that does not comply with the applicable requirements of § 80.521.

(2) Blend or permit the blending into motor vehicle diesel fuel or NRLM diesel fuel at a downstream location, or use, or permit the use, in motor vehicle diesel fuel or NRLM diesel fuel, of any additive that does not comply with the applicable requirements of § 80.521.

(d) *Used motor oil violation.* Introduce into the fuel system of a model year 2007 or later diesel motor vehicle or model year 2011 or later nonroad diesel engine (except for locomotive or marine engines) or other nonroad diesel engine certified for the use of 15 ppm sulfur content fuel, or permit the introduction into the fuel system of such vehicle or nonroad engine of used motor oil, or used motor oil blended with diesel fuel, that does not comply with the requirements of § 80.522.

(e) *Improper fuel usage violation.* (1) Introduce, or permit the introduction of, fuel into model year 2007 or later diesel motor vehicles, and beginning December 1, 2010 into any diesel motor vehicle, that does not comply with the standards and dye requirements of § 80.520(a) and (b);

(2) Introduce, or permit the introduction of, fuel into any nonroad diesel engine (including any locomotive or marine diesel engine) that does not comply with the applicable standards, dye and marking requirements of § 80.510(a), (d), and (e) and § 80.520(b) beginning on the following dates:

(i) This prohibition begins December 1, 2007 in the areas specified in § 80.510(g)(1) and (g)(2), except as specified in paragraph (e)(2)(ii) of this section.

(ii) This prohibition begins December 1, 2010 in the area specified in § 80.510(g)(2) for NRLM diesel fuel that is produced in accordance with a compliance plan approved under § 80.554.

(iii) This prohibition begins December 1, 2010 in all other areas.

(3) Introduce, or permit the introduction of, fuel into any nonroad diesel engine (other than locomotive and marine diesel engines) that does not comply with the applicable standards, dye and marking requirements of § 80.510(b) and (e) beginning on the following dates:

(i) This prohibition begins December 1, 2010 in the areas specified in § 80.510(g)(1) and (g)(2), except as specified paragraph (e)(3)(ii) of this section.

(ii) This prohibition begins December 1, 2014 in the area specified in § 80.510(g)(2) for NRLM diesel fuel that is produced in accordance with a compliance plan approved under § 80.554.

(iii) This prohibition begins beginning December 1, 2014 in all other areas.

(4) Introduce, or permit the introduction of, fuel into any locomotive and marine diesel engine which does not comply with the applicable standards, dye and marking requirements of § 80.510(c) and § 80.510(f) in the following areas beginning on the following dates:

(i) This prohibition begins December 1, 2012 in the areas specified in § 80.510(g)(1) and (g)(2), except as specified in paragraph (e)(4)(ii) of this section.

(ii) This prohibition does not apply in the area specified in § 80.510(g)(2) for NRLM diesel fuel that is produced in accordance with a compliance plan approved under § 80.554.

(iii) This prohibition does not apply in any other areas.

(5) Introduce, or permit the introduction of, fuel into any model year 2011 or later nonroad diesel engine certified for use on 15 ppm sulfur

content fuel, diesel fuel which does not comply with the applicable standards, dye and marking requirements of § 80.510(b) through (f).

(f) *Cause another party to violate.* Cause another person to commit an act in violation of paragraphs (a) through (e) of this section.

(g) *Cause violating fuel or additive to be in the distribution system.* Cause motor vehicle diesel fuel, or NRLM diesel fuel, to be in the diesel fuel distribution system which does not comply with the applicable standard, dye or marker requirements or the product segregation requirements of this Subpart I, or cause any diesel fuel additive to be in the diesel fuel additive distribution system which does not comply with the applicable sulfur standards under § 80.521.

■ 68. Section 80.611 is revised to read as follows:

§ 80.611 What evidence may be used to determine compliance with the prohibitions and requirements of this subpart and liability for violations of this subpart?

(a) *Compliance with sulfur, cetane, and aromatics standards, dye and marker requirements.* Compliance with the standards, dye, and marker requirements in §§ 80.510, 80.511, 80.520, and 80.521 shall be determined based on the level of the applicable component or parameter, using the sampling methodologies specified in § 80.330(b), as applicable, and an approved testing methodology under the provisions of §§ 80.580 through 80.586 for sulfur; § 80.2(w) for cetane index; § 80.2(z) for aromatic content; and § 80.582 for fuel marker. Any evidence or information, including the exclusive use of such evidence or information, may be used to establish the level of the applicable component or parameter in the diesel fuel or additive, or motor oil to be used in diesel fuel, if the evidence or information is relevant to whether that level would have been in compliance with the standard if the regulatory sampling and testing methodology had been correctly performed. Such evidence may be obtained from any source or location and may include, but is not limited to, test results using methods other than the compliance methods in this paragraph (a), business records, and commercial documents.

(b) *Compliance with other requirements.* Determination of compliance with the requirements and prohibitions of this subpart other than the standards described in paragraph (a) of this section and in §§ 80.510, 80.511, 80.520, and 80.521, and determination of liability for any violation of this subpart, may be based on information obtained from any source or location. Such information may include, but is not limited to, business records and commercial documents.

■ 69. Section 80.612 is amended by revising paragraph (a) to read as follows:

§ 80.612 Who is liable for violations of this subpart?

(a) *Persons liable for violations of prohibited acts.* (1) *Standard, dye, marker, additives, used motor oil, heating oil, fuel introduction, and other product requirement violations.* (i) Any refiner, importer, distributor, reseller, carrier, retailer, wholesale purchaser-consumer who owned, leased, operated, controlled or supervised a facility where a violation of any provision of § 80.610(a) through (e) occurred, or any other person who violates any provision of § 80.610(a) through (e), is deemed liable for the applicable violation, except that distributors who receive diesel fuel or distillate from the point where it is taxed, dyed or marked, and retailers and wholesale purchaser-consumers are not deemed liable for any violation of § 80.610(b).

(ii) Any person who causes another person to violate § 80.610(a) through (e) is liable for a violation of § 80.610(f).

(iii) Any refiner, importer, distributor, reseller, carrier, retailer, or wholesale purchaser-consumer who produced, imported, sold, offered for sale, dispensed, supplied, offered to supply, stored, transported, or caused the transportation or storage of, diesel fuel or distillate that violates § 80.610(a), is deemed in violation of § 80.610(f).

(iv) Any person who produced, imported, sold, offered for sale, dispensed, supplied, offered to supply, stored, transported, or caused the transportation or storage of a diesel fuel additive which is used in motor vehicle diesel fuel or NRLM diesel fuel that is found to violate § 80.610(a), is deemed in violation of § 80.610(f).

(2) *Cause violating diesel fuel or additive to be in the distribution system.* Any refiner, importer, distributor, reseller, carrier, retailer, or wholesale purchaser-consumer or any other person who owned, leased, operated, controlled or supervised a facility from which distillate fuel or additive was released into the distribution system which does not comply with the applicable standards, marking or dye requirements of this Subpart I is deemed in violation of § 80.610(g).

(3) *Branded refiner/importer liability.* Any refiner or importer whose corporate, trade, or brand name, or whose marketing subsidiary's corporate, trade, or brand name appeared at a facility where a violation of § 80.610(a) or (b) occurred, is deemed in violation of § 80.610(a) or (b), as applicable.

(4) *Carrier causation.* In order for a distillate fuel or diesel fuel additive carrier to be liable under paragraph (a)(1)(ii), (a)(1)(iii), or (a)(1)(iv) of this section, as applicable, EPA must demonstrate, by reasonably specific showing by direct or circumstantial evidence, that the carrier caused the violation.

(5) *Parent corporation.* Any parent corporation is liable for any violations of this subpart that are committed by any subsidiary.

(6) *Joint venture.* Each partner to a joint venture is jointly and severally liable for any violation of this subpart that occurs at the joint venture facility or is committed by the joint venture operation.

* * * * *

■ 70. Section 80.613 is amended by revising the section heading and paragraphs (a) and (d) to read as follows:

§ 80.613 What defenses apply to persons deemed liable for a violation of a prohibited act under this subpart?

(a) *Presumptive liability defenses.* (1) Any person deemed liable for a violation of a prohibition under § 80.612(a)(1)(i), (a)(1)(iii), (a)(2), or (a)(3), will not be deemed in violation if the person demonstrates the following:

(i) The violation was not caused by the person or the person's employee or agent;

(ii) Product transfer documents account for fuel or additive found to be in violation and indicate that the violating product was in compliance with the applicable requirements when it was under the person's control;

(iii) The person conducted a quality assurance sampling and testing program, as described in paragraph (d) of this section, except for those persons subject to the provisions of paragraph (a)(1)(iv), (a)(1)(v), or (a)(1)(vi) of this section or § 80.614. A carrier may rely on the quality assurance program carried out by another party, including the party who owns the diesel fuel in question, provided that the quality assurance program is carried out properly. Retailers, wholesale purchaser-consumers, and ultimate consumers of diesel fuel are not required to conduct quality assurance programs;

(iv) For refiners and importers of diesel fuel subject to the 15 ppm sulfur standard under § 80.510(b) or (c), or § 80.520(a)(1), or the 500 ppm sulfur standard under § 80.510(a) or 80.520(c), test results that—

(A) Were conducted according to an appropriate test methodology approved or designated under §§ 80.580 through 80.586, 80.2(w), or 80.2(z), as appropriate; and

(B) Establish that, when it left the party's control, the fuel did not violate the sulfur, cetane or aromatics standard, or the dye or marking provisions of §§ 80.510 or 80.511, as applicable;

(v) For any truck loading terminal or any other person who delivers heating oil for delivery to the ultimate consumer and is subject to the requirement to mark heating oil or LM diesel fuel under § 80.510(d) through (f), data which demonstrates that when it left the truck loading terminal or other facility, the concentration of marker solvent yellow 124 was equal to or greater than six milligrams per liter. In lieu of testing for marker solvent yellow 124 concentration, evidence may be presented of an oversight program, including records of marker inventory, purchase and additization, and records of periodic inspection and calibration of additization equipment that ensures that marker is added to heating oil or LM diesel fuel, as applicable, under § 80.510(d) through (f) in the required concentration;

(vi) Except as provided in § 80.614, for any person who, at a downstream location, blends a diesel fuel additive subject to the requirements of § 80.521(b) into motor vehicle diesel fuel or NRLM diesel fuel subject to the 15 ppm sulfur standard under § 80.520(a) or § 80.510(b) or (c), except a person who blends additives into fuel tanker trucks at a truck loading rack subject to the provisions of paragraph (d)(2) of this section, test results which are conducted subsequent to the blending of the additive into the fuel, and which comply with the requirements of paragraphs (a)(1)(iv)(A) and (B) of this section; and

(vii) Any person deemed liable for a designation or volume balance provisions violation under § 80.610(b) and 80.612(a) will not be deemed in violation if the person demonstrates, through product transfer documents, records, reports and other evidence that the diesel fuel or distillate was properly designated and volume balance requirements were met.

(2) Any person deemed liable for a violation under § 80.612(a)(1)(iv), in regard to a diesel fuel additive subject to the requirements of § 80.521(a), will not be deemed in violation if the person demonstrates that—

(i) Product transfer document(s) account for the additive in the fuel found to be in violation, which comply with the requirements under § 80.591(a), and indicate that the additive was in compliance with the applicable requirements while it was under the party's control; and

(ii) For the additive's manufacturer or importer, test results which accurately establish that, when it left the party's control, the additive in the diesel fuel determined to be in violation did not have a sulfur content greater than or equal to 15 ppm.

(A) Analysis of the additive sulfur content pursuant to this paragraph (a)(2) may be conducted at the time the batch was manufactured or imported, or on a sample of that batch which the manufacturer or importer retains for such purpose for a minimum of two years from the date the batch was manufactured or imported.

(B) After two years from the date the additive batch was manufactured or imported, the additive manufacturer or importer is no longer required to retain samples for the purpose of complying with the testing requirements of this paragraph (a)(2).

(C) The analysis of the sulfur content of the additive must be conducted pursuant to the requirements of § 80.580.

(3) Any person who is deemed liable for a violation under § 80.612(a)(1)(iv) with regard to a diesel fuel additive subject to the requirements of § 80.521(b), will not be deemed in violation if the person demonstrates that—

(i) The violation was not caused by the party or the party's employee or agent;

(ii) Product transfer document(s) which comply with the additive information requirements under § 80.591(b), account for the additive in the fuel found to be in violation, and indicate that the additive was in compliance with the applicable requirements while it was under the party's control; and

(iii) For the additive's manufacturer or importer, test results which accurately establish that, when it left the party's control, the additive in the diesel fuel determined to be in violation was in conformity with the information on the additive product transfer document pursuant to the requirements of § 80.591(b). The testing procedures applicable under paragraph (a)(2) of this section, also apply under this paragraph (a)(3).

* * * * *

(d) *Quality assurance and testing program.* To demonstrate an acceptable quality assurance program under paragraph (a)(1)(iii) of this section, a person must present evidence of the following:

(1) A periodic sampling and testing program to ensure the diesel fuel or additive the person sold, dispensed, supplied, stored, or transported, meets the applicable standards and requirements, including the requirements relating to the presence of marker solvent yellow 124.

(2) For those parties who, at a downstream location, blend diesel fuel additives subject to the requirements of § 80.521(b) into fuel trucks at a truck loading rack, the periodic sampling and testing program required under this paragraph (d) must ensure, by taking into account the greater risk of noncompliance created through use of a high sulfur additive, that the diesel fuel into which the additive was blended meets the applicable standards subsequent to the blending.

(3) On each occasion when diesel fuel or additive is found not in compliance with the applicable standard:

(i) The person immediately ceases selling, offering for sale, dispensing, supplying, offering for supply, storing or transporting the non-complying product.

(ii) The person promptly remedies the violation and the factors that caused the violation (for example, by removing the non-complying product from the distribution system until the applicable standard is achieved and taking steps to prevent future violations of a similar nature from occurring).

(4) For any carrier who transports diesel fuel or additive in a tank truck, the quality assurance program required under this paragraph (d) need not include its own periodic sampling and testing of the diesel fuel or additive in the tank truck, but in lieu of such tank truck sampling and testing, the carrier shall demonstrate evidence of an oversight program for monitoring compliance with the requirements of this subpart relating to the transport or storage of such product by tank truck, such as appropriate guidance to drivers regarding compliance with the applicable sulfur standard, product segregation and product transfer document requirements, and the periodic review of records received in the ordinary course of business concerning diesel fuel or additive quality and delivery.

■ 71. Section 80.614 is revised to read as follows:

§ 80.614 What are the alternative defense requirements in lieu of § 80.613(a)(1)(vi) for static dissipater additives exceeding the 15 ppm sulfur standard but that contribute less than 0.05 ppm sulfur when added to MVNRLM diesel fuel?

Any person who blends a MVNRLM diesel fuel additive package into

MVNRLM diesel fuel subject to the 15 ppm sulfur standards of § 80.510(b) or (c) or § 80.520(a) which contains a static dissipater additive that has a sulfur content greater than 15 ppm but whose contribution to the sulfur content of the MVNRLM diesel fuel is less than 0.05 ppm at its maximum recommended concentration, and which contains no other additives with a sulfur content greater than 15 ppm must establish all the following in order to use this section as an alternative to the defense element under § 80.613(a)(1)(vi):

(a)(1) The blender of the static dissipater additive package has a sulfur content test result for the MVNRLM diesel fuel prior to blending of the additive that indicates that the additive package, when added, will not cause the MVNRLM diesel fuel sulfur content to exceed 15 ppm sulfur.

(2) In cases where the storage tank that contains MVNRLM diesel fuel prior to additization contains multiple fuel batches, the blender of the static dissipater additive package must have sulfur test results on each batch of MVNRLM diesel fuel that was added to the storage tank during the current and previous VAR periods, which indicates that the additive package, when added to the component MVNRLM diesel fuel batch in the storage tank with the highest sulfur level would not cause that component batch to exceed 15 ppm sulfur.

(b) The volumetric additive reconciliation (VAR) standard is attained as determined under the provisions of this section. The VAR reconciliation standard is attained when the actual concentration of a static dissipater additive package used per the VAR formula record under paragraph (f) of this section is less than the concentration that would have caused any batch of MVNRLM diesel fuel to exceed a sulfur content of 15 ppm given the maximum sulfur test result on any MVNRLM diesel fuel batch described in paragraph (a) of this section that is additized with the static dissipater additive package during the VAR period.

(c) The product transfer document complies with the applicable sulfur information requirements of § 80.591.

(d) If more than one static dissipater additive package is used during a VAR period, then a separate VAR formula record must be created for MVNRLM diesel fuel additized for each of the static dissipater additive packages used. In such cases, the amount of the each static dissipater additive package used must be accurately and separately measured, either through the use of a separate storage tank, a separate meter, or some other measurement system that is able to accurately distinguish its use.

(e) Recorded volumes of MVNRLM diesel fuel and static dissipater additive package must be expressed to the nearest gallon (or smaller units), except that static dissipater additive package volumes of five gallons or less must be expressed to the nearest tenth of a gallon (or smaller units). However, if the blender's equipment cannot accurately measure to the nearest tenth of a gallon, then such volumes must be rounded upward to the next higher gallon for purposes of determining compliance with this section.

(f) Each VAR formula record must also contain the following information:

(1) *Automated blending facilities.* In the case of an automated static dissipater additive package blending facility, for each VAR period, for each static dissipater additive package storage system, and each static dissipater additive package in that storage system, the following must be recorded:

(i)(A) The manufacturer and commercial identifying name of the static dissipater additive package being reconciled, the maximum recommended treatment level, the potential contribution to the sulfur content of the finished fuel that might result when the additive package is used at its maximum recommended treatment level, the intended treatment level, and the contribution to the sulfur content of the finished fuel that would result when the additive package is used at its intended treatment level. The intended treatment level is the treatment level that the additive injection equipment is set to.

(B) The maximum recommended treatment level and the intended treatment level must be expressed in terms of gallons of static dissipater additive package per thousand gallons of MVNRLM diesel fuel, and expressed to four significant figures. If the static dissipater additive package storage system which is the subject of the VAR formula record is a proprietary system under the control of a customer, this fact must be indicated on the record.

(ii) The total volume of static dissipater additive package blended into MVNRLM diesel fuel, in accordance with one of the following methods, as applicable.

(A) For a facility which uses in-line meters to measure static dissipater additive package usage, the total volume of static dissipater additive package measured, together with supporting data which includes one of the following: the beginning and ending meter readings for each meter being measured, the metered batch volume measurements for each meter being measured, or other comparable metered measurements. The supporting data may be supplied on the VAR formula record or in the form of computer printouts or other comparable VAR supporting documentation.

(B) For a facility which uses a gauge to measure the inventory of the static dissipater additive package storage tank, the total volume of static dissipater additive package shall be calculated from the following equation:

Static dissipater additive package Volume = (A) − (B)+(C) − (D)

Where:

A = Initial static dissipater additive package inventory of the tank

B = Final static dissipater additive package inventory of the tank

C = Sum of any additions to static dissipater additive package inventory

D = Sum of any withdrawals from static dissipater additive package inventory for purposes other than the additization of MVNRLM diesel fuel.

(C) The value of each variable in the equation in paragraph (f)(1)(ii)(B) of this section must be separately recorded on the VAR formula record. In addition, a list of each static dissipater additive package addition included in variable C and a list of each static dissipater additive package withdrawal included in variable D must be provided, either on the formula record or as VAR supporting documentation.

(iii) The total volume of MVNRLM diesel fuel to which static dissipater additive package has been added, together with supporting data which includes one of the following: the beginning and ending meter measurements for each meter being measured, the metered batch volume measurements for each meter being measured, or other comparable metered measurements. The supporting data may be supplied on the VAR formula record or in the form of computer printouts or other comparable VAR supporting documentation.

(iv) The actual static dissipater additive package concentration, calculated as the total volume of static dissipater additive package added (pursuant to paragraph (f)(1)(ii) of this section), divided by the total volume of MVNRLM diesel fuel (pursuant to paragraph (f)(1)(iii) of this section). The concentration must be calculated and recorded to 4 significant figures.

(v) A list of each static dissipater additive package concentration rate set for the static dissipater additive package that is the subject of the VAR record, together with the date and description of each adjustment to any initially set concentration. The concentration adjustment information may be