

APPENDIX A

PERMIT CONDITIONS, COL ACTION ITEMS, SITE CHARACTERISTICS, AND BOUNDING PARAMETERS

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A.1 Permit Conditions

Permit Condition: The Commission's regulation in 10 CFR § 52.24 authorizes the inclusion of limitations and conditions in an ESP. A permit condition is not needed when an existing NRC regulation requires a future regulatory review of a matter to ensure adequate safety during design, construction, or inspection activities for a new plant. The staff is proposing that the Commission include eight permit conditions, which are set forth below, to control various safety matters.

Permit Condition No.	SER Section	Description
2.1 - Geography and Demography		
1	2.1.2	The NRC staff proposes to include a condition in any ESP that might be issued to govern exclusion area control. This permit condition would require that an applicant for a COL referencing this ESP to demonstrate that they have been granted the right to exercise sufficient control within the exclusion area identified in the ESP, including the authority to maintain ingress to and egress from the exclusion area and to evacuate individuals from the exclusion area in the event of an emergency. The permit condition also requires a COL applicant referencing this ESP to secure any necessary arrangements to provide, in the event of a declared emergency, for the control of traffic on county roads and the evacuation of individuals within the ESP exclusion area. The condition requires that these arrangements be obtained and executed before the construction of a nuclear plant begins under a construction permit or COL referencing the ESP.
2.4 - Hydrology		
2	2.4.13	The NRC staff proposes to include a condition in any ESP that might be issued in connection with this application requiring that an applicant referencing such an ESP design any new unit's radwaste systems with features to preclude any and all accidental releases of radionuclides into any potential liquid pathway.

Permit Condition No.	SER Section	Description
2.5 - Geology, Seismology, and Geotechnical Engineering		
3	2.5.1	The NRC staff proposes to include a condition in any ESP that might be issued in connection with this application requiring that the ESP holder and/or an applicant referencing such an ESP perform geologic mapping of future excavations for safety-related structures, evaluate any unforeseen geologic features that are encountered, and notify the NRC no later than 30 days before any excavations for safety-related structures are open for NRC's examination and evaluation.

A.2 COL Action Items

COL Action Items: The combined license (COL) action items set forth in the SER and incorporated herein identify certain matters that shall be addressed in the final safety analysis report (FSAR) by an applicant who submits an application referencing the North Anna ESP. These items constitute information requirements but do not form the only acceptable set of information in the FSAR. An applicant may depart from or omit these items, provided that the departure or omission is identified and justified in the FSAR. In addition, these items do not relieve an applicant from any requirement in 10 CFR Parts 50 and 52 that govern the application. After issuance of a construction permit (CP) or COL, these items are not controlled by NRC requirements unless such items are restated in the preliminary safety analysis report or FSAR, respectively.

The staff identified the following COL action items with respect to individual site characteristics in order to ensure that particular significant issues are tracked and considered during the review of a later application referencing any ESP that might be issued for the North Anna ESP site.

Action Item No.	SER Section	Subject To Be Addressed	Reason for Deferral
2.2 - Nearby Industrial, Transportation, and Military Facilities			
2.2-1	2.2.3	A COL or CP applicant should perform an evaluation of industrial hazards associated with site, and should assess design-specific interactions between the existing and new unit(s) and, if necessary, propose measures to account for such interactions.	New unit design and specific location not known at ESP stage
2.3 - Meteorology			
2.3-1	2.3.3	A COL or CP applicant should evaluate interaction between the existing meteorological tower and the proposed facility's cooling towers.	Design and specific location of cooling tower units are not known at ESP stage.
2.3-2	2.3.4	A COL or CP applicant should evaluate dispersion of airborne radioactive materials to the control room.	Control room location and design not known at ESP stage.
2.3-3	2.3.5	A COL or CP application should confirm specific release point characteristics and locations of potential receptors for routine release dose computations.	Exact release points and receptor locations not known at ESP stage.

Action Item No.	SER Section	Subject To Be Addressed	Reason for Deferral
2.4 - Hydrology			
2.4-1	2.4.1.3	A COL or CP application should demonstrate that sufficient separation between the new ESP intake and the combined effluent outfall is provided so that the effluent recirculating back to the new ESP intake will not adversely affect the intake.	Design of ESP facility intake and outfall will be completed only at the COL stage after a reactor design is chosen at the COL stage.
2.4-2	2.4.1.3	A COL or CP applicant should demonstrate that if dewatering is necessary for the operation of the ESP facility, it will be considered a safety-related facility and must be designed, operated, and maintained as such.	Detailed design of the facility is not known at ESP stage.
2.4-3	2.4.1.3	A COL or CP applicant should design the site grading to provide flooding protection to safety-related structures at the ESP site based on a comprehensive flood water routing analysis for a local PMP event on the ESP site.	Detailed design of the facility, including the site grade are beyond the scope of an ESP review.
2.4-4	2.4.1.3	A COL or CP applicant should design the ESP facility with a maximum withdrawal of 85,000 gpm from the Mississippi River for makeup water requirement for the ESP facility	Detailed design of the facility, including its makeup water requirements are not available at the ESP stage.
2.4-5	2.4.2.3	A COL or CP applicant should demonstrate that the ESP plant grade is safe from the flooding effects of maximum water surface elevation during local intense precipitation without relying on any active surface drainage systems that may be blocked during this event.	Certain locations within the ESP site area can be at the flood elevation of the site in response to local intense precipitation. It is not feasible to determine flooding protection needs at the ESP stage in response to local intense precipitation because final site grade and drainage patterns are not yet known.

Action Item No.	SER Section	Subject To Be Addressed	Reason for Deferral
2.4-6	2.4.8.3	A COL or CP applicant should demonstrate that 30-day cooling water supply for the ESP facility UHS will be available as liquid water in any dedicated water storage basin(s) accounting for any losses including, but not limited to, those resulting from evaporation, seepage, icing, and a margin of safety.	Detailed engineering design of underground UHS reservoirs, should they be needed, to ensure adequate capacity is not within the scope of ESP review.
2.4-7	2.4.8.3	A COL or CP applicant should demonstrate that the ESP facility UHS will not be used frequently for non emergency operation of the ESP facility.	The ESP water budget analysis relies on independent UHS reservoirs only, but need for a UHS is not known at the ESP stage.
2.4-8	2.4.12.3	A COL or CP applicant should demonstrate that an adequately designed ground water well system capable of withdrawing a maximum of 3570 gpm is provided for the ESP facility.	Detailed design of the facility is not known at the ESP stage.
2.4-9	2.4.12.3	A COL or CP applicant should provide detailed ground water information including location and depth of perched aquifers	Additional ground water characterization is not known at the ESP stage.

Action Item No.	SER Section	Subject To Be Addressed	Reason for Deferral
2.5 - Geology, Seismology, and Geotechnical Information			
2.5-1	2.5.4	A COL or CP applicant should use excavation walls (or a combination of ground improvement with tied-back walls) and control the ground water during the excavations at the COL stage.	Exact unit locations not known at ESP stage.
2.5-2	2.5.4	A COL or CP applicant should conduct detailed studies on the fill material and the required treatment to the fill material.	Exact unit locations and design not known at ESP stage.
2.5-3	2.5.4	A COL or CP applicant should perform additional borings, laboratory testing, and a geophysical survey to confirm the current base case material properties and their variabilities throughout the site during the COL stage. If the investigations to be performed during the COL stage indicate differences in material properties which may have significantly impact to design ground motions, the applicant should evaluate the need to perform additional site response analyses with the updated properties to develop updated design ground motions.	Exact unit locations and design not known at ESP stage.
2.5-4	2.5.4	A COL or CP applicant should perform geotechnical investigations during the COL stage to provide additional verification regarding the soil properties of the zone with rise and fall of P-wave velocity, indicated in the SSAR.	Exact unit locations and design not known at ESP stage.
2.5-5	2.5.4	A COL or CP applicant should provide information to correlate plot plans and profiles of each seismic Category I facility with subsurface profiles and material properties to ascertain the sufficiency of selected borings to represent soil variations under each structure.	Exact unit locations not known at ESP stage.
2.5-6	2.5.4	A COL or CP applicant should evaluate potential excavation procedures that may be used, as well as the impact of the adjacent bluff on temporary support conditions and on standoff distance in the ESP area.	Exact unit locations and design not known at ESP stage.

Action Item No.	SER Section	Subject To Be Addressed	Reason for Deferral
2.5-7	2.5.4	A COL or CP applicant should provide a detailed dewatering plan for evaluating the ground water conditions (procedure for dewatering during construction, and ground water control throughout the life of the plant) regarding their effects on the foundation stability.	Exact unit locations and design not known at ESP stage.
2.5-8	2.5.4	A COL or CP applicant should perform additional site investigations during the COL stage, including deep borings in the footprint of the powerblock structures to evaluate the potential for karst formation.	Exact unit locations and design not known at ESP stage.
2.5-9	2.5-4	A COL or CP applicant should develop specific design criteria (such as potential wall rotations, facility sliding, and overturning) during the COL stage when the specific characteristics of the operating system are known.	Site average shear-wave velocity of the Zone III-IV bedrock slightly less than design value provided at ESP stage.
2.5-10	2.5.5	A COL or CP applicant should incorporate the effects resulting from the local topography or possible changes in topography in the future SSI analyses	Locations of safety-related structures relative to the existing or new slopes not known at ESP stage.
2.5-11	2.5.6	A COL or CP applicant should evaluate the effect of potential flooding of the Mississippi River and possible future erosion of the bluff, including their impacts on SSI effects of the plant.	Locations of safety-related structures relative to the existing or new slopes not known at ESP stage.
11.1 - Radioactive Effluent Dose Consequences from Normal Operations			
11.1-1	11.1.4	A COL or CP applicant should verify that the calculated radiological doses to members of the public from radioactive gaseous and liquid effluents for any facility to be built on the Grand Gulf site are bounded by the radiological doses included in the ESP application and reviewed by the NRC.	Specific details of how the new facility will control, monitor, and maintain radioactive gaseous and liquid effluents not known at ESP stage.
13.6 - Industrial Security			
13.6-1	13.6.3	A COL or CP applicant should provide specific designs for protected area barriers.	Exact locations and design of barriers not known at ESP stage.

A.3 Site Characteristics

Site Characteristics: Based on site investigation, exploration, analysis and testing, the applicant initially proposes a set of site characteristics. These site characteristics are specific physical attributes of the site, whether natural or man-made. Site characteristics, if reviewed and approved by the staff, are specified in the ESP. The staff proposes to include the following site characteristics in any ESP that might be issued for the Grand Gulf site.

Site Characteristic	Value	Definition
2.1 - Geography and Demography		
Exclusion Area Boundary	The perimeter of a 2760 ft radius circle from the circumference of a 630 ft circle encompassing the proposed power block housing the reactor containment structure for new unit	The area surrounding the reactor, in which the reactor licensee has the authority to determine all activities including exclusion or removal of personnel and property from the area
Low Population Zone	2 mile radius circle from the circumference of a 630 ft circle encompassing the proposed power block housing the reactor containment structure for new unit	The area immediately surrounding the exclusion area which contains residents
Population Center Distance	2.7 miles	The minimum allowable distance from the reactor to the nearest boundary of a densely populated center containing more than about 25,000 residents
2.2 - Nearby Industrial, Transportation, and Military Facilities		
Minimum separation distance from GGNS onsite storage of liquid hydrogen.	737 ft	Minimum distance between GGNS onsite storage of 20,000 gallons of liquid hydrogen and safety related systems of a new plant at the proposed ESPsite.

Site Characteristic	Value	Definition	
2.3 - Meteorology			
Ambient Air Temperature and Humidity			
Maximum Dry-Bulb Temperature	2% annual exceedance	92 EF	The ambient dry-bulb temperature that will be exceeded 2% of the time annually
	0.4% annual exceedance	95 EF	The ambient dry-bulb temperature that will be exceeded 0.4% of the time annually
	average annual highest	98 EF	The average of the maximum temperatures recorded each year
	100-year return period	108 EF	The ambient dry-bulb temperature that has a 1% annual probability of being exceeded (100-year mean recurrence interval)
Minimum Dry-Bulb Temperature	99% annual exceedance	25 EF	The ambient dry-bulb temperature below which dry-bulb temperatures will fall 1% of the time annually
	99.6% annual exceedance	21 EF	The ambient dry-bulb temperature below which dry-bulb temperature will fall 0.4% of the time annually
	average annual lowest	14 EF	The average of the minimum temperatures recorded each year
	100-year return period	! 6 EF	The ambient dry-bulb temperature for which a 1% annual probability of a lower dry-bulb temperature exists (100-year mean recurrence interval)

Site Characteristic		Value	Definition
Maximum Wet-Bulb Temperature	2% annual exceedance	78 EF	The ambient wet-bulb temperature that will be exceeded 2% of the time annually
	0.4% annual exceedance	80 EF	The ambient wet-bulb temperature that will be exceeded 0.4% of the time annually
Basic Wind Speed			
Fastest-mile		83 mi/h	The fastest-mile wind speed to be used in determining wind loads, defined as the fastest-mile wind speed at 33 feet above the ground that has a 1% annual probability of being exceeded (100-year mean recurrence interval)
3-Second Gust		96 mi/h	The 3-second gust wind speed to be used in determining wind loads, defined as the 3-second gust wind speed at 33 feet above the ground that has a 1% annual probability of being exceeded (100-year mean recurrence interval)
Tornado			
Maximum Wind Speed		300 mi/h	Maximum wind speed resulting from passage of a tornado having a probability of occurrence of 10^{-7} per year
Translational Speed		60 mi/h	Translation component of the maximum tornado wind speed
Maximum Rotational Speed		240 mi/h	Rotation component of the maximum tornado wind speed
Radius of Maximum Rotational Speed		150 feet	Distance from the center of the tornado at which the maximum rotational wind speed occurs
Pressure Drop		2.0 lbf/in. ²	Decrease in ambient pressure from normal atmospheric pressure resulting from passage of the tornado

Site Characteristic	Value	Definition
Rate of Pressure Drop	1.2 lbf/in. ² /s	Rate of pressure drop resulting from the passage of the tornado
Winter Precipitation		
100-Year Snowpack	6.1 lbf/ft ²	Weight of the 100-year return period snowpack (to be used in determining normal precipitation loads for roofs)
48-Hour Probable Maximum Winter Precipitation	35 inches of water	Probable maximum precipitation during the winter months (to be used in conjunction with the 100-year snowpack in determining extreme winter precipitation loads for roofs)
Ultimate Heat Sink		
Meteorological Conditions Resulting in the Minimum Water Cooling during Any 1 Day	81.0 EF wet-bulb temperature with coincident 86.3 EF dry-bulb temperature	Historic worst 1-day daily average of wet-bulb temperatures and coincident dry-bulb temperatures
Meteorological Conditions Resulting in the Minimum Water Cooling during Any Consecutive 5 Days	80.2 EF wet-bulb temperature with coincident 86.2 EF dry-bulb temperature	Historic worst 5-day daily average of wet-bulb temperatures and coincident dry-bulb temperatures
Meteorological Conditions Resulting in the Maximum Evaporation and Drift Loss during Any Consecutive 30 Days	78.5 EF wet-bulb temperature with coincident 83.1 EF dry-bulb temperature	Historic worst 30-day daily average of wet-bulb temperatures and coincident dry-bulb temperatures
Meteorological Conditions Resulting in Maximum Water Freezing in the UHS Water Storage Facility	98 EF degree days below freezing	Historic maximum cumulative degree days below freezing
Short-Term (Accident Release) Atmospheric Dispersion		
0–2-H χ/Q Value @ EAB	$5.95 \times 10^{-4} \text{ s/m}^3$	The 0–2-hour atmospheric dispersion factor to be used to estimate dose consequences of accidental airborne releases at the EAB

Site Characteristic	Value	Definition
0–8-H χ/Q Value @ LPZ	8.83×10 ¹⁵ s/m ³	The 0–8-hour atmospheric dispersion factor to be used to estimate dose consequences of accidental airborne releases at the LPZ
8–24-H χ/Q Value @ LPZ	6.16×10 ¹⁵ s/m ³	The 8–24-hour atmospheric dispersion factor to be used to estimate dose consequences of accidental airborne releases at the LPZ
1–4-Day χ/Q Value @ LPZ	2.82×10 ¹⁵ s/m ³	The 1–4-day-atmospheric dispersion factor to be used to estimate dose consequences of accidental airborne releases at the LPZ
4–30-Day χ/Q Value @ LPZ	9.15×10 ¹⁶ s/m ³	The 4–30-day atmospheric dispersion factor to be used to estimate dose consequences of accidental airborne releases at the LPZ
Long-Term (Routine Release) Atmospheric Dispersion		
Annual Average Undepleted/No Decay χ/Q Value @ Site Boundary	8.8×10 ¹⁶ s/m ³	The maximum annual average site boundary undepleted/no decay χ/Q value for use in determining gaseous pathway doses to the maximally exposed individual
Annual Average Depleted/No Decay χ/Q Value @ Site Boundary	7.8×10 ¹⁶ s/m ³	The maximum annual average site boundary depleted/no decay χ/Q value for use in determining gaseous pathway doses to the maximally exposed individual
Annual Average D/Q Value @ Site Boundary	1.2×10 ¹⁸ 1/m ²	The maximum annual average site boundary D/Q value for use in determining gaseous pathway doses to the maximally exposed individual
Annual Average Undepleted/No Decay χ/Q Value @ Nearest Home	2.2×10 ¹⁶ s/m ³	The maximum annual average home undepleted/no decay χ/Q value for use in determining gaseous pathway doses to the maximally exposed individual

Site Characteristic	Value	Definition
Annual Average Depleted/No Decay χ/Q Value @ Nearest Home	$1.9 \times 10^{16} \text{ s/m}^3$	The maximum annual average home depleted/no decay χ/Q value for use in determining gaseous pathway doses to the maximally exposed individual
Annual Average D/Q Value @ Nearest Home	$7.0 \times 10^{19} \text{ 1/m}^2$	The maximum annual average home D/Q value for use in determining gaseous pathway doses to the maximally exposed individual
Annual Average Undepleted/No Decay χ/Q Value @ Nearest Garden	$2.0 \times 10^{16} \text{ s/m}^3$	The maximum annual average garden undepleted/no decay χ/Q value for use in determining gaseous pathway doses to the maximally exposed individual
Annual Average Depleted/No Decay χ/Q Value @ Nearest Garden	$1.7 \times 10^{16} \text{ s/m}^3$	The maximum annual average garden depleted/no decay χ/Q value for use in determining gaseous pathway doses to the maximally exposed individual
Annual Average D/Q Value @ Nearest Garden	$5.4 \times 10^{19} \text{ 1/m}^2$	The maximum annual average garden D/Q value for use in determining gaseous pathway doses to the maximally exposed individual
Annual Average Undepleted/No Decay χ/Q Value @ Nearest Milk Cow	$7.0 \times 10^{18} \text{ s/m}^3$	The maximum annual average milk cow undepleted/no decay χ/Q value for use in determining gaseous pathway doses to the maximally exposed individual
Annual Average Depleted/No Decay χ/Q Value @ Nearest Milk Cow	$4.7 \times 10^{18} \text{ s/m}^3$	The maximum annual average milk cow depleted/no decay χ/Q value for use in determining gaseous pathway doses to the maximally exposed individual
Annual Average D/Q Value @ Nearest Milk Cow	$8.7 \times 10^{11} \text{ 1/m}^2$	The maximum annual average milk cow D/Q value for use in determining gaseous pathway doses to the maximally exposed individual

Site Characteristic	Value	Definition
Annual Average Undepleted/No Decay χ/Q Value @ Nearest Meat Cow	$1.4 \times 10^{17} \text{ s/m}^3$	The maximum annual average meat cow undepleted/no decay χ/Q value for use in determining gaseous pathway doses to the maximally exposed individual
Annual Average Depleted/No Decay χ/Q Value @ Nearest Meat Cow	$1.1 \times 10^{17} \text{ s/m}^3$	The maximum annual average meat cow depleted/no decay χ/Q value for use in determining gaseous pathway doses to the maximally exposed individual
Annual Average D/Q Value @ Nearest Meat Cow	$4.0 \times 10^{10} \text{ 1/m}^2$	The maximum annual average meat cow D/Q value for use in determining gaseous pathway doses to the maximally exposed individual

Site Characteristic	Value	Definition
2.4 - Hydrology		
Hydrology		
Proposed Facility Boundaries	UFSAR Figure 2.4-1 shows the areal extent of proposed facility boundaries. This figure is reproduced below as Figure 1, bounding coordinates of the ESP site are a site characteristic. During construction, the ESP site could be disturbed up to a depth ranging from 35 to 140 feet plus some additional excavation.	ESP site boundary map
Site Grade	132.5 feet above MSL	Finished plant grade of the ESP site
Highest Ground Water Elevation	70 feet below grade; 62.5 feet above MSL; perched water may be present between the site grade at 132.5 feet above MSL and the water table at 62.5 feet above MSL.	The maximum elevation of ground water at the ESP site
Flood Elevation	Flood water elevation at the ESP site caused by local intense precipitation will be established by the COL applicant using local intense precipitation values established in Section 2.4.2.3 of this SER. Local intense precipitation itself is a site characteristic, listed below.	Maximum flood level at the ESP site resulting from local intense precipitation
Local Intense Precipitation	19.2 in./h, of which 6.2 in. falls during the first 5 minutes.	Maximum potential rainfall at the immediate ESP site
Frazil and Anchor Ice	The ESP site does not have the potential for the formation of frazil and anchor ice.	Accumulated ice formation in a turbulent flow condition
Maximum Cumulative Degree Days Below Freezing	98 EF	A measure of severity of winter weather conditions conducive to ice formation (computed using observed air temperature data)

Site Characteristic	Value	Definition
Distance to the Closest Surface Water	Stream B is the closest surface water feature; 1017 ft.	Distance to closest surface water body from center of ESP powerblock
Location of Aquifers Used by Large Population for Domestic, Municipal, Industrial, or Irrigation Water Supplies	2760 ft.	Distance of nearest public water supply well located just outside the exclusion area boundary from center of ESP powerblock
2.5 - Geology, Seismology, and Geotechnical Engineering		
Basic Geologic and Seismic Information		
Capable Tectonic Structures	-----	No fault displacement potential within the Site Area
Vibratory Ground Motion		
Design Response Spectra	Appendix A. Figure 2 (SSER Figure 2.5-68)	Site Specific response spectra
Stability of Subsurface Materials and Foundations		
Minimum shear wave velocity of soil at the proposed plant foundation Level	1000 feet per second (fsp)	Current reactor designs require the minimum shear wave velocity at the foundation level be at least 1000 fsp.

A.4 Bounding Parameters

A plant parameter envelope (PPE) sets forth postulated values of design parameters that provide design details to support the staff’s review of an ESP application. A controlling PPE value, or bounding parameter value, is one that necessarily depends on a site characteristic. As the PPE is intended to bound multiple reactor designs, the staff would review the actual design selected in a COL or CP application referencing an ESP to ensure that the design fits within the bounding parameter values. Otherwise, the COL or CP applicant would need to demonstrate that the design, given the site characteristics in the ESP, complies with NRC regulations. Should an applicant reference an ESP for a design that is not certified, the applicant would need to demonstrate that the design’s characteristics fall within the bounding parameter values.

Bounding Parameters	Value	Definition
2.4 - Hydrology		
Makeup water flow (max)	78,000 gpm	Maximum flow required to replenish evaporation and blowdown losses from normal heat sink cooling towers.
Potable Water/Sanitary Waste System (max)	240 gpm	Maximum flow of water for plant housekeeping
Demineralized Water System (max)	1,440 gpm	Maximum water flow for demineralization of blowdown discharge
Fire Protection System (max)	1,890 gpm	Maximum water flow for fire fighting system



Figure 1- The proposed facility boundary of the ESP site

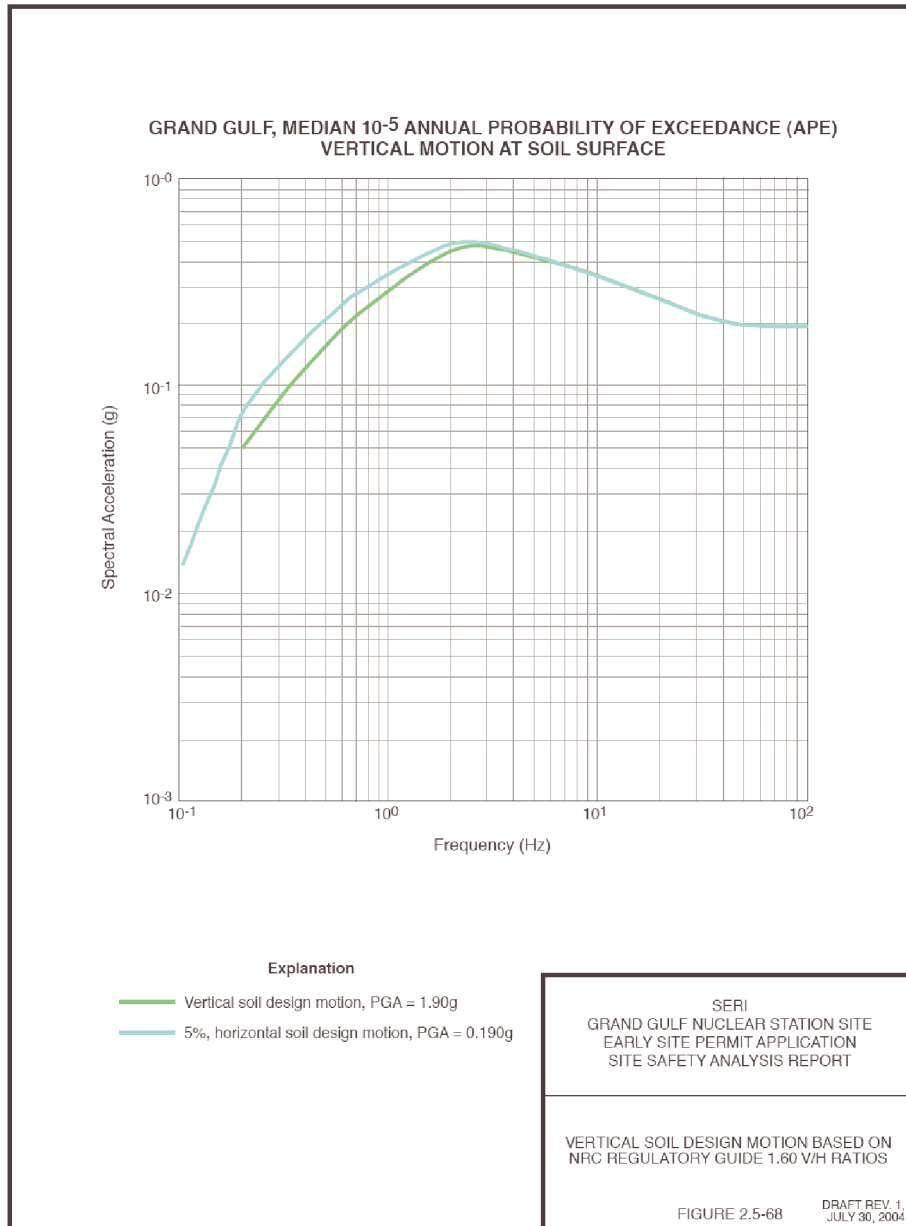


Figure 2-Horizontal and vertical response spectra for the Safe Shutdown Earthquake at the ESP site

APPENDIX B

CHRONOLOGY

This appendix contains a chronological listing of routine licensing correspondence between the staff of the U.S. Nuclear Regulatory Commission and System Energy Resources, Inc., regarding the review of the Grand Gulf early site permit application under Project No. 720 and Docket No. 52-009.

Revisions to the Grand Gulf Early Site Permit Application

Rev.	Date	Accession Number
0	10-16-2003	ML032960315
1	07-04-2005	ML052420635
2	10-03-2005	ML052780449
3	03-08-2006	ML060830203

Chronology of Early Site Permit Application for Grand Gulf

Document Date	Accession Number	Title/Description Includes Est. Page Count	Document Type	Author Affiliation(s)	Addressee Affiliation(s)	Docket Number
8/15/2002	ML031540413	Letter from G. A. Zinke, Entergy re: Quality Processes for Preparing the Entergy ESP Application.. 3 Page(s)	Letter	Entergy Nuclear Potomac Co	NRC/Document Control Desk	05000416, 05000417, PROJ0720
5/6/2003	ML030980029	Letter to G. Zinke, Entergy to provide NRC guidance on how security measures should be addressed in application for early site permit (ESP) at Grand Gulf site.. 6 Page(s)	Letter	NRC/NRR/NRLPO	Entergy Nuclear Generation Co	05000416, PROJ0720
5/9/2003	ML031350581	Schedule for Entergy Early Site Permit Application.. 2 Page(s)	Letter	Entergy Nuclear, Inc	NRC/Document Control Desk	PROJ0720

Document Date	Accession Number	Title/Description Includes Est. Page Count	Document Type	Author Affiliation(s)	Addressee Affiliation(s)	Docket Number
6/2/2003	ML031480443	Letter to G. Zinke, re: Alternative Energy Sources.. 8 Page(s)	Letter	NRC/NRR/NRLPO	Entergy Nuclear Generation Co	PROJ0720
6/23/2003	ML031280718	Letter to K. Hughey - USNRC Responses to Entergy Nuclear Comments on Draft RS-002, "Processing Applications for Early Site Permits." 6 Page(s)	Letter	NRC/NRR/NRLPO	Entergy Nuclear Operations, Inc	PROJ0720
8/1/2003	ML032250068	Schedule for Entergy Early Site Permit Application.. 2 Page(s)	Letter	Entergy Nuclear, Inc	NRC/Document Control Desk	PROJ0720
10/16/2003	ML032960373	Grand Gulf Early Site Permit Application Submittal.. 3 Page(s)	Letter	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720

Document Date	Accession Number	Title/Description Includes Est. Page Count	Document Type	Author Affiliation(s)	Addressee Affiliation(s)	Docket Number
10/22/2003	ML032960291	Grand Gulf Early Site Permit Application, Part 1, Cover and Table of Contents.. 30 Page(s)	License-Application for Construction Permit DKT 50	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960294	Grand Gulf Early Site Permit Application, Part 2, Site Safety Analysis Report, Table of Contents.. 28 Page(s)	License-Application for Construction Permit DKT 50	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960313	Grand Gulf Early Site Permit Application, Part 2, Chapter 1, Introduction and General Description.. 18 Page(s)	License-Application for Construction Permit DKT 50	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960320	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Site Characteristics, Pages 2.2-2 - 2.5-97.. 192 Page(s)	License-Application for Construction Permit DKT 50	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720

Document Date	Accession Number	Title/Description Includes Est. Page Count	Document Type	Author Affiliation(s)	Addressee Affiliation(s)	Docket Number
10/22/2003	ML032960323	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Tables, 2.1-1 through 2.5-25.. 366 Page(s)	License-Application for Construction Permit DKT 50	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960331	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figures 2.1-2 through 2.3-21.. 35 Page(s)	Drawing, License-Application for Construction Permit DKT 50, Map	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960334	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figures 2.4-1 through 2.4-55.. 69 Page(s)	Drawing, License-Application for Construction Permit DKT 50, Map	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960335	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figure 2.5-1.. 1 Page(s)	License-Application for Construction Permit DKT 50, Map	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720

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10/22/2003	ML032960338	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figures 2.5-2 through 2.5-3.. 2 Page(s)	License-Application for Construction Permit DKT 50, Map	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960343	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figure 2-5.4a.. 1 Page(s)	License-Application for Construction Permit DKT 50, Map	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960347	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figures, 2.5-4b through 2.5-8.. 5 Page(s)	Drawing, License-Application for Construction Permit DKT 50, Map	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960348	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figure 2.5-9a.. 1 Page(s)	License-Application for Construction Permit DKT 50, Map	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720

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10/22/2003	ML032960350	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figure 2.5-9b.. 1 Page(s)	License-Application for Construction Permit DKT 50, Map	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960364	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figures 2.5-10 through 2.5-14.. 5 Page(s)	Drawing, License-Application for Construction Permit DKT 50, Map	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960367	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figure 2.5-15.. 1 Page(s)	Drawing, License-Application for Construction Permit DKT 50, Map	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960370	Grand Gulf Early Site Permit Application.. 2 Page(s)	Letter	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720

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10/22/2003	ML032960372	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figures 2.5-16a through 2.5-19.. 5 Page(s)	Drawing, License-Application for Construction Permit DKT 50, Map	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960376	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figures 2.5-20 through 2.5-24.. 5 Page(s)	Drawing, License-Application for Construction Permit DKT 50, Map	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960379	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figure 2.5-25.. 1 Page(s)	License-Application for Construction Permit DKT 50, Photograph	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960388	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figures 2.5-26 through 2.5-28.. 3 Page(s)	Drawing, License-Application for Construction Permit DKT 50, Map	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720

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10/22/2003	ML032960390	Grand Gulf Early Site Permit Application, Part 3, Chapter 2, Environmental Description.. 84 Page(s)	Environmental Report	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960393	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figure 2.5-29.. 1 Page(s)	Drawing	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960396	Grand Gulf Early Site Permit Application, Part 3, Chapter 2, Tables 2.2-1 through 2.7-120.. 249 Page(s)	Environmental Report	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960398	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figures 2.5-30 through 2.5-37.. 8 Page(s)	Drawing	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720

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10/22/2003	ML032960399	Grand Gulf Early Site Permit Application, Part 3, Chapter 2, Figures 2.1-1 through 2.4-4.. 52 Page(s)	Drawing	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960402	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figures 2.5-38 through 2.5-68. 31 Page(s)	Drawing	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960404	Grand Gulf Early Site Permit Application, Part 3, Chapter 2, Figures 2.5-1 through 2.8-2.. 31 Page(s)	Drawing	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960406	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figures 2.5-69 through 2.5-80.. 12 Page(s)	Drawing	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720

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10/22/2003	ML032960410	Grand Gulf Early Site Permit Application, Part 3, Chapter 3, Plant Description.. 56 Page(s)	Environmental Report	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960411	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figures 2.5-81 through 2.5-86.. 6 Page(s)	Drawing, Graphics incl Charts and Tables	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960414	Grand Gulf Early Site Permit Application, Part 3, Chapter 4, Environmental Effects of Construction.. 70 Page(s)	Environmental Report	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960417	Grand Gulf Early Site Permit Application, Part 2, Chapter 2, Figures 2.5-87 through 2.5-94.. 8 Page(s)	Graphics incl Charts and Tables	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720

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10/22/2003	ML032960418	Grand Gulf Early Site Permit Application, Part 3, Chapter 5, Environmental Effects of Station Operations.. 133 Page(s)	Environmental Report	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960419	Grand Gulf Early Site Permit Application, Part 2, Chapter 3, Site Safety Assessment.. 61 Page(s)	- No Document Type Applies	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960421	Grand Gulf Early Site Permit Application, Part 3, Chapter 6, Environmental Measurement and Monitoring Programs.. 38 Page(s)	Environmental Report	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960422	Grand Gulf Early Site Permit Application, Part 3, Environmental Report, Table of Contents.. 31 Page(s)	Environmental Report	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720

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10/22/2003	ML032960425	Grand Gulf Early Site Permit Application, Part 3, Chapter 7, Environmental Impacts of Postulated Accidents Involving Radioactive Materials.. 48 Page(s)	Environmental Report, License-Application for Construction Permit DKT 50	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960426	Grand Gulf Early Site Permit Application, Part 3, Chapter 1, Introduction.. 9 Page(s)	Environmental Report	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960427	Grand Gulf Early Site Permit Application, Part 3, Chapter 8, Need for Power.. 1 Page(s)	Environmental Report, License-Application for Construction Permit DKT 50	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960429	Grand Gulf Early Site Permit Application, Part 3, Chapter 9, Alternatives to Proposed Action.. 43 Page(s)	Environmental Report, License-Application for Construction Permit DKT 50	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720

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10/22/2003	ML032960430	Grand Gulf Early Site Permit Application, Part 3, Chapter 10, Environmental Consequences of Proposed Action.. 11 Page(s)	Environmental Report, License-Application for Construction Permit DKT 50	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960432	Grand Gulf Early Site Permit Application, Part 4, Emergency Planning Information.. 100 Page(s)	License-Application for Construction Permit DKT 50	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
10/22/2003	ML032960435	Grand Gulf Early Site Permit Application, Part 5, Programs and Plans.. 4 Page(s)	License-Application for Construction Permit DKT 50	System Energy Resources, Inc	NRC/Document Control Desk	PROJ0720
11/7/2003	ML033020043	Letter to W. A. Eaton re: Notice of Receipt and Availability of Application for Early Site Permit for the Grand Gulf ESP Site.. 8 Page(s)	Letter	NRC/NRR/DRIP	System Energy Resources, Inc	PROJ0720

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11/24/2003	ML033180651	Letter to W.A. Eaton Announcing Acceptance and Docketing of the Grand Gulf ESP.. 7 Page(s)	Letter	NRC/NRR/DRIP	Entergy Operations, Inc, System Energy Resources, Inc	05200009
12/23/2003	ML033630515	Notice of Intent to Prepare an Environmental Impact Statement and Conduct Scoping Related to Early Site Permit for Grand Gulf (TAC NO. MC1379).. 9 Page(s)	Letter	NRC/NRR/DRIP/RLEP	Entergy Operations, Inc, System Energy Resources, Inc	05000417, 05200009

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1/13/2004	ML033530010	Letter to Multiple Addresses re: Grand Gulf ESP Application.. 13 Page(s)	Letter	NRC/NRR/DRIP	Atomic Energy of Canada, Ltd, Dominion Generation, Enercon Services, Inc, Entergy Nuclear South, Entergy Nuclear, Inc, Entergy Operations, Inc, Exelon Generation Co, LLC, Framatome ANP, Inc, Greenpeace, Nuclear Control Institute, Nuclear Energy Institute (NEI), Nuclear Information & Resource Service (NIRS), PBMR Pty, Ltd, Public Citizen's Critical Mass	05200009

Document Date	Accession Number	Title/Description Includes Est. Page Count	Document Type	Author Affiliation(s)	Addressee Affiliation(s)	Docket Number
1/29/2004	ML040440048	01/29/04-System Energy Resources, Inc.'s Answer to Notice of Hearing. 4 Page(s)	Legal-Notice of Hearing	System Energy Resources, Inc, Winston & Strawn, LLP	NRC/OCM	05200009
2/18/2004	ML040510279	01/21/2004 Summary of Public Meeting to Discuss the Environmental Scoping Process for the Grand Gulf Early Site Permit (ESP) Application (Tac No. MC1379).. 7 Page(s)	Meeting Summary	NRC/NRR/ DRIP/RLEP	System Energy Resources, Inc	05200009
2/21/2004	ML040360176	01/21/2004 Attachment 1: (Corrected Transcripts with Copy of NRC Slides, Written Statements); Attachment 2: (List of Meeting Attendees).. 173 Page(s)	Meeting Transcript, Slides and Viewgraphs	NRC	System Energy Resources, Inc	05200009

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3/19/2004	ML040830045	IR 05200009-04-001 on 02/13/2004 for System Energy Resources, Inc., - NRC Inspection of Applicant and Contractor Quality Assurance Activities Involved with Preparation of the Application for an Early Site Permit.. 40 Page(s)	Inspection Report, Letter	NRC/RGN-III/DRS	System Energy Resources, Inc	05200009
5/11/2004	ML041330230	Issuance of Environmental Scoping Summary Report Associated with the Staff's Review of the Application by System Energy Resources, Inc. (SERI) Entergy for an Early Site Permit for the Grand Gulf ESP Site.. 71 Page(s)	Environmental Impact Statement, Letter, Report, Technical	NRC/NRR/DRIP/RLEP	Entergy Operations, Inc, System Energy Resources, Inc	05200009

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5/19/2004	ML041420530	Request for Additional Information Related to the Staff's Review of the Environmental Report for the Grand Gulf Early Site Permit (ESP) Application.. 25 Page(s)	Letter, Request for Additional Information (RAI)	NRC/NRR/DRIP	Entergy Operations, Inc	05200009
5/19/2004	ML041470464	Followup to Early Site Permit Application Environmental Audit - Response 2.. 5 Page(s)	Letter	System Energy Resources, Inc	NRC/Document Control Desk	05200009
5/19/2004	ML041890361	Followup to Early Site Permit Application Environmental Audit - Response 1.. 17 Page(s)	Letter	Entergy Operations, Inc, System Energy Resources, Inc	NRC/Document Control Desk	05200009
5/28/2004	ML041560142	05/28/04-Answer by System Energy Resources. Inc. To Proposed Contentions. 57 Page(s)	Legal-Intervention Petition, Responses and Contentions	System Energy Resources, Inc, Winston & Strawn, LLP	NRC/ASLBP	05200009

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6/1/2004	ML041400113	Request For Additional Information Letter No. 1 - System Energy Resources, Inc. Early Site Permit (ESP) Application for the Grand Gulf ESP Site Safety Analysis Report Sections 2.3.1 and 2.3.2.. 9 Page(s)	Letter, Request for Additional Information (RAI)	NRC/NRR/ DRIP/RNRP	System Energy Resources, Inc	05200009
6/14/2004	ML041740691	SERI ESP Application - EQHAZARD PSHA Calculation.. 3 Page(s)	Letter	System Energy Resources, Inc	NRC/Document Control Desk	05200009
6/22/2004	ML041400221	06/22/04-Letter to W. Eaton, Entergy Operations, re: ESP Template.. 6 Page(s)	Letter	NRC/NRR/ DRIP/RNRP	Entergy Nuclear Operations, Inc	05200009

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7/15/2004	ML041610345	Grand Gulf, Request For Additional Information Letter No. 2, Early Site Permit Application for the Grand Gulf ESP Site.. 9 Page(s)	Letter, Request for Additional Information (RAI)	NRC/NRR/ DRIP/RNRP	Entergy Nuclear, Inc, System Energy Resources, Inc	05200009
7/15/2004	ML041610345	Grand Gulf, Request For Additional Information Letter No. 2, Early Site Permit Application for the Grand Gulf ESP Site.. 9 Page(s)	Letter, Request for Additional Information (RAI)	NRC/NRR/ DRIP/RNRP	Entergy Nuclear, Inc, System Energy Resources, Inc	05200009
8/10/2004	ML042290395	Response to Request for Additional Environmental Information Related to Early Site Permit Application (Partial Response No. 4).. 22 Page(s)	Letter	Entergy Nuclear, Inc, System Energy Resources, Inc	NRC/Document Control Desk	05200009

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8/11/2004	ML042330035	08/11/04-Answer by System Energy Resources, Inc. To Request for Extension of Time. 4 Page(s)	Legal-Motion	System Energy Resources, Inc, Winston & Strawn, LLP	NRC/OCM	05200009
8/13/2004	ML042100194	Request For Additional Information Letter No 4 - Grand Gulf ESP Application.. 15 Page(s)	Request for Additional Information (RAI)	NRC/NRR/ DRIP/RNRP	Entergy Nuclear, Inc	05200009
8/16/2004	ML042400269	Response to Request for Additional Environmental Information Related to Early Site Permit Application (Partial Response No. 5).. 5 Page(s)	Letter	System Energy Resources, Inc	NRC/Document Control Desk	05200009

Document Date	Accession Number	Title/Description Includes Est. Page Count	Document Type	Author Affiliation(s)	Addressee Affiliation(s)	Docket Number
8/26/2004	ML042390512	Supplemental Request for Additional Information (RAI) Regarding the Environmental Portion of the Early Site Permit Application by System Energy Resources, Inc. (SERI) for the Grand Gulf ESP Site (TAC No. MC1379).. 5 Page(s)	Letter, Request for Additional Information (RAI)	NRC/NRR/DRIP	Entergy Operations, Inc, System Energy Resources, Inc	05200009
9/2/2004	ML042450046	Grand Gulf Request For Additional Information - System Energy Resources, Inc. Early Site Permit Application.. 7 Page(s)	Request for Additional Information (RAI)	NRC/NRR/DRIP/RNRP	Entergy Nuclear Operations, Inc	05200009

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9/7/2004	ML042580204	09/07/04-Brief of System Energy Resources, Inc. In Opposition to Appeal by NAACP-Claiborne County, Mississippi Branch, Nuclear Information and Resource Service, Public Citizen, and Mississippi Chapter of the Sierra Club from LBP-04-19. 27 Page(s)	Legal-Brief	System Energy Resources, Inc, Winston & Strawn, LLP	NRC/OCM	05200009
9/7/2004	ML042600179	09/07/04-Joint Filing of System Energy Resources, Inc. And the Nuclear Regulatory Commission Staff Regarding Mandatory Hearing. 8 Page(s)	Legal-Report	System Energy Resources, Inc, Winston & Strawn, LLP	NRC/ASLBP	05200009
9/17/2004	ML042250232	Request For Additional Information Letter No. 5 - Concerning Grand Gulf ESP Application.. 16 Page(s)	Letter, Request for Additional Information (RAI)	NRC/NRR/ DRIP/RNRP	Entergy Nuclear Operations, Inc	05200009

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9/17/2004	ML042590004	09/09/04 - Summary of Meeting with Dominion, SERI and Exelon Regarding Reviews of EP Aspects of Their Respective ESP Applications.. 10 Page(s)	Meeting Summary	NRC/NRR/DRIP/RNRP	Dominion Nuclear North Anna, LLC, Exelon Generation Co, LLC, Exelon Nuclear, System Energy Resources, Inc	05200007, 05200008, 05200009
9/21/2004	ML042720365	Early Site Permit - Request for Additional Information Letter No. 4.. 1 Page(s)	Letter	System Energy Resources, Inc	NRC/Document Control Desk	05200009
9/30/2004	ML042810129	Early Site Permit Application - Update of Referenced Mississippi Radiological Emergency Preparedness Plan.. 2 Page(s)	Letter	System Energy Resources, Inc	NRC/Document Control Desk	05200009

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9/30/2004	ML042810132	Response to Supplemental Request for Additional Information Regarding the Environmental Portion of the Early Site Permit Application by System Energy Resources, Inc., for the Grand Gulf ESP Site.. 7 Page(s)	Letter	System Energy Resources, Inc	NRC/Document Control Desk	05200009
10/19/2004	ML043010065	Response to RAI Letter No. 4	Letter	System Energy Resources, Inc.	NRC/Document Control Desk	05200009

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10/28/2004	ML043020633	<p>Second Supplemental Request for Additional Information (RAI) Regarding the Environmental Portion of the Early Site Permit Application by System Energy Resources, Inc. (SERI) for the Grand Gulf ESP SiteTAC NO. MC1379)..</p> <p>5 Page(s)</p>	Letter, Request for Additional Information (RAI)	NRC/NRR/DRIP/RLEP	Entergy Operations, Inc, System Energy Resources, Inc	05200009
10/28/2004	ML043020633	<p>Second Supplemental Request for Additional Information (RAI) Regarding the Environmental Portion of the Early Site Permit Application by System Energy Resources, Inc. (SERI) for the Grand Gulf ESP SiteTAC NO. MC1379)..</p> <p>5 Page(s)</p>	Letter, Request for Additional Information (RAI)	NRC/NRR/DRIP/RLEP	Entergy Operations, Inc, System Energy Resources, Inc	05200009

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11/12/2004	ML043090132	Revised Dates For Conducting the Environmental Review of the Application by SERI For An ESP For The Grand Gulf ESP Site.. 7 Page(s)	Letter	NRC/NRR/ DRIP/RNRP	System Energy Resources, Inc	05200009
12/08/2004	ML043350120	Request For Additional Information Letter No. 6 - Concerning Grand Gulf Early Site Permit Application. 15 Page(s)	Letter	NRC/NRR/ DRIP/RNRP	Entergy Nuclear, Inc	05200009
12/10/2004	ML043520051	Response to Request for RAIs Letter No.5 70 Page(s)	Letter	System Energy Resources, Inc	NRC/Document Control Desk	05200009
01/25/2005	ML050250250	Response to Request for RAIs Letter No.6 42 Page(s)	Letter	System Energy Resources, Inc	NRC/Document Control Desk	05200009

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02/03/2005	ML050380489	Response to Second Supplemental Request for Additional Information (RAI) Regarding the Environmental Portion of the Early Site Permit Application by System Energy Resources, Inc. (SERI) for the Grand Gulf ESP Site. 3 Page(s)	Letter	Entergy Operations, Inc, System Energy Resources, Inc	NRC/Document Control Desk	05200009
03/24/2005	ML050740064	Potential Open Items for the Draft Safety Evaluation Report for the Grand Gulf Early Site Permit Application	Letter	NRC/NRR/ DRIP/RNRP	System Energy Resources, Inc.	05200009
04/07/2005	ML050910208	Draft Safety Evaluation Report for the Grand Gulf Early Site Permit Application	Letter	NRC/NRR/ DRIP/RNRP	System Energy Resources, Inc.	05200009

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04/19/2005	ML051020313	Draft Safety Evaluation Report for the Grand Gulf Early Site Permit Application.. 7 Page(s)	Letter	NRC/NRR/ DRIP/RNRP	- No Known Affiliation, Advanced Technologies & Labs International, Inc, AECL Technologies, Inc, Claiborne County, MS, Dominion Generation, Enercon Services, Inc, Entergy Nuclear South, Entergy Nuclear, Inc, Entergy Operations, Inc, Exelon Generation Co, LLC, Framatome ANP, Inc, Greenpeace, Morgan, Lewis & Bockius, LLP, Nuclear Control	05200009

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06/21/2005	ML051750058	Response to RAIs to Resolve the Grand Gulf Early Site Permit Draft Safety Evaluation Report Open Items 78 Page(s)	Letter	System Energy Resources, Inc.	NRC/Document Control Desk	05200009
06/28/2005	ML051860175	Response to Grand Gulf Early Site Permit Draft Safety Evaluation Report Open Items 13.3-2 and 13.3-4 Discussion Grand Gulf Nuclear Station, Unit 1. 3 Page(s)	Letter	Entergy Operations, Inc	NRC/Document Control Desk	05000416, 05200009
06/24/2005	ML051950260	G20050470/LTR-05-0338 - C. Randy Hutchinson Ltr re Potential Delays in the NRC Review of the Grand Gulf Early Site Permit Application. 5 Page(s)	Letter	Entergy Nuclear, Inc	NRC/NRR	05200009

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07/26/2005	ML052070247	07/26/2005 - E-Mail re: Grand Gulf ESP Open Item 2.5-3-Case Study of Alternative Treatment of PA=0.5 Source Hazard.. 20 Page(s)	E-Mail, Technical Paper	NRC/NRR/DRIP/RNRP	Entergy Nuclear, Inc	05200009
07/28/2005	ML043350120	Undated Letter Request For Additional Information Letter No. 6 - Concerning Grand Gulf Early Site Permit Application. 15 Page(s)	Letter	NRC/NRR/DRIP/RNRP	Entergy Nuclear, Inc	05200009
09/15/2005	ML052620081	GNRO-2005/00055 - Grand Gulf Emergency Plan Clarification Related to Early Site Permit Review 6 Page(s)	Letter	Entergy Operations, Inc.	NRC/Document Control Desk	05000416, 05200009

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09/16/2005	ML052630371	CNRO-2005/00054-Grand Gulf Early Site Permit Application Revision 1 Corrections (TAC No. MC1378) 18 Page(s)	Letter	System Energy Resources, Inc.	NRC/Document Control Desk	05200009