

Dexter Sutterfield, U.S. DOE/NIPER

“DOE’s Oil and Gas Program”

*DOE's OIL AND GAS PROGRAM
PARTICULATE MATTER 2.5 MICROMETERS
PM_{2.5}*

PROGRAM ACTIVITIES RELATED TO PM_{2.5}

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DOE OIL AND GAS MEETINGS ON PM_{2.5}

■ *MEETINGS*

- *MASSACHUSETTS INSTITUTE OF TECHNOLOGY*
- *BROOKHAVEN NATIONAL LABORATORY*
- *RESEARCH TRIANGLE PARK (EPA)*
- *CALIFORNIA AIR RESOURCES BOARD*

DOE OIL AND GAS MEETINGS ON PM_{2.5}

■ *PARTICIPANTS*

- *ENVIRONMENTAL PROTECTION AGENCY (EPA)*
- *AMERICAN PETROLEUM INSTITUTE (API)*
- *GAS RESEARCH INSTITUTE (GRI)*
- *ELECTRIC POWER RESEARCH INSTITUTE (EPRI)*
- *WESTERN STATES PETROLEUM ASSOCIATION (WSPA)*
- *NORTHEAST STATES FOR COORDINATED AIR USE MANAGEMENT (NESCAUM)*
- *EMPIRE STATE ELECTRIC ENERGY RESEARCH CORPORATION (ESEERCO)*
- *MAJOR OIL COMPANIES (ARCO, TEXACO, PHILLIPS, AND MOBIL)*
- *BDM-OKLAHOMA (NIPER)*
- *NATIONAL LABS (BNL, LBNL, ORNL)*

DOE OIL AND GAS PROGRAM AT NIPER ON PM_{2.5}

■ *RETRIEVE CURRENT INFORMATION*

• *PUBLICATIONS*

- *ENVIRONMENTAL PROTECTION AGENCY (EPA)*
- *AMERICAN PETROLEUM INSTITUTE (API)*
- *NATIONAL PETROLEUM REFINERS ASSOCIATION (NPRA)*
- *AMERICAN AUTOMOBILE MANUFACTURERS ASSOCIATION (AAMA)*
- *COORDINATING RESEARCH COUNCIL (CRC)*
- *HEALTH EFFECTS INSTITUTE (HEI)*
- *ELECTRIC POWER RESEARCH INSTITUTE (EPRI)*
- *STATES*
- *REGIONAL AIR QUALITY DISTRICTS (ESPECIALLY CALIFORNIA, ALASKA, AND NORTHEAST STATES)*
- *OTHERS*

• *SELECTED INTERVIEWS*

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DOE OIL AND GAS PROGRAM AT NIPER ON PM_{2.5}

- *REVIEW CURRENT PROGRAMS*
- *REVIEW AVAILABLE EXPERIMENTAL RESULTS*
- *DETERMINE RESEARCH NEEDS*
- *REPORT ON ABOVE NOVEMBER 1997*
- *EVALUATE EFFECT OF PM STANDARDS ON REFINERIES*
- *DETERMINE CHEMISTRY ASSOCIATED WITH PARTICULATE FORMATION*
- *DETERMINE PETROLEUM RELATED EFFECTS ON OTHER INDUSTRIES*
- *WORK WITH EPA, STATES AND INDUSTRY TO DEVELOP PROGRAM ADDRESSING NEEDS*
- *WORK WITH STATE AGENCIES FOR RESPONSE TO PM STANDARDS*

SUMMARY

- *PROGRAM IS PROACTIVE*
 - *ORGANIZED AND HELD MEETINGS TO GET INPUT*
- *PROGRAM INVOLVES POLICY MAKERS AND STAKEHOLDERS*
 - *EPA, STATES, AND INDUSTRY ATTENDED AND COMMENTED AT WORKSHOPS*
- *ONE INDUSTRY COMMENT - "PM_{2.5} IS THE BIGGEST FUTURE PROBLEM FACING THE PETROLEUM INDUSTRY"*