December 22, 2006

MEMORANDUM TO: William R. Ott, Chief
Waste Research Branch
Radiation Protection, Environmental Risk
and Waste Management
Division of Fuel, Engineering and Radiological Research
Office of Nuclear Regulatory Research

FROM: Edward O'Donnell, Senior Geologist ***/RA/***
Waste Research Branch
Radiation Protection, Environmental Risk
and Waste Management
Division of Fuel, Engineering and Radiological Research
Office of Nuclear Regulatory Research

SUBJECT: PUBLIC MEETING TO EXCHANGE INFORMATION ON INDUSTRY PLANS TO DEVELOP GUIDANCE FOR IMPLEMENTING 10 CFR PART 20.1406 "MINIMIZATION OF CONTAMINATION"

On December 18, 2006, RES staff conducted a Category 2 public meeting with NEI, EPRI, and other NRC Offices including FSME, NMSS, NRO, NRR, OGC, OEDO and the ACNW. The purpose was to provide information to the NRC staff on industry's efforts to develop guidance for implementation of 10 CFR 20.1406 for combined construction permit-operating license (COL) applications for new power plants. A public meeting notice was posted on the NRC's public web site two weeks prior to the meeting and the agenda was made publicly available at that time. The meeting notice, agenda, and list of participants are enclosed. Slides used by EPRI are accessible in ADAMS (see ML063560018).

The NEI-EPRI approach to implementing 10 CFR 20.1406 is based on prevention, detection, correction, and remediation. The guidance being developed by them is oriented toward design and construction of new reactors and it will be found in EPRI Utilities Requirement Documents. The documents are meant to be a foundation for plant systems, plant design, and site/plant development. EPRI is revising documents for radwaste management, radiation protection-ALARA, water chemistry, and ground-water protection. For ground-water protection, EPRI is developing a Utilities Requirement document which will provide industry with a standardized and site specific approach for implementing a technically sound ground-water monitoring and protection program. EPRI is documenting operating experiences related to plant design and operating procedures that have contributed to spills and leaks of radioactive liquids that could lead to ground-water contamination and this is being factored into a draft ground-water protection Utilities Requirement Document. NEI-EPRI plans to submit the draft to NRC in February 2007 for agency consideration.

Enclosures:
1. Meeting Announcement
2. Agenda
3. Meeting Attendees

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