



UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON NUCLEAR WASTE
WASHINGTON, DC 20555 - 0001

April 23, 2007

MEMORANDUM TO: Antonio Dias, Team Lead
Technical Support Branch
Advisory Committee on Nuclear Waste

FROM: Derek Widmayer, Staff Engineer /RA/
Technical Support Branch, ACRS/ACNW
Advisory Committee on Nuclear Waste

SUBJECT: MARCH 28, 2007, PUBLIC MEETING BETWEEN NRC STAFF AND THE
NUCLEAR ENERGY INSTITUTE ON REGULATORY GUIDANCE TO
IMPLEMENT 10 CFR 20.1406

On March 28, 2007, the NRC staff and the Nuclear Energy Institute (NEI) held a public meeting at NEI Headquarters in Washington, D.C., to discuss NRC and industry efforts to develop regulatory guidance to implement 10 CFR 20.1406, *Minimization of Contamination*, for new nuclear power reactors. Advisory Committee on Nuclear Waste (ACNW) Chairman Michael Ryan and I attended this meeting. I also provided the handouts presented at the meeting to Dr. Jim Clarke, the cognizant ACNW member for decommissioning activities, by overnight mail.

I have attached the Office of Regulatory Research (RES) meeting summary, which includes the handouts that were presented at the meeting. Dr. Ryan and I note that significant progress is being reported by RES on the regulatory guidance since the last public meeting jointly held by RES and NEI in December 2006. One technical detail I would add to the RES meeting summary based on the materials presented at the meeting is that the ongoing industry efforts that may be useful in developing the guidance by NRC staff address only groundwater issues at new nuclear power plants. It was noted at the meeting that 20.1406 is not limited only to groundwater, but that minimization of contamination, including minimization of waste and facilitating decommissioning, is to be addressed plant-wide and should include all media. Including more than just groundwater issues at this time may be a challenge to the staff developing the guidance. RES staff also noted that 20.1406 applies to all NRC-regulated facilities, not just new reactors, and that they will not be addressing any other facilities so that issuance of the high-priority guidance needed for new reactors is not delayed.

RES explained that NRC staff development and review of the guidance should be completed by June, therefore, it would be appropriate for ACNW to schedule a briefing for the June 2007 meeting. Additionally, Dr. Ryan indicated that a briefing on how 20.1406 is being implemented where nuclear power plants have received design certifications from the NRC (e.g., the Westinghouse AP1000 and the General Electric ES Boiling Water Reactor) would be helpful to ACNW's understanding of the regulatory framework for implementing decommissioning lessons learned.

Attachment: As stated



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April 23, 2007

MEMORANDUM TO: ACNW Members

FROM: Antonio F. Dias, ACNW Team Lead */RA/*
Technical Support Branch, ACRS/ACNW

SUBJECT: TRANSMITTAL OF TRIP REPORT ON MARCH 28, 2007, PUBLIC
MEETING BETWEEN NRC STAFF AND THE NUCLEAR ENERGY
INSTITUTE ON REGULATORY GUIDANCE TO IMPLEMENT
10 CFR 20.1406

Attached is Mr. Widmayer's trip report concerning the March 28, 2007, public meeting between NRC staff and the Nuclear Energy Institute on Regulatory Guidance to Implement 10 CFR 20.1406.

Attachment: Trip Report

cc w/Attachment: ACNW Staff
F. Gillespie