

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001



December 23, 2002

MEMORANDUM TO: Charles L. Miller, Deputy Director
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

Dr. Stephen McGuire
Office of Nuclear Security and
Incident Response

Walter S. Schwink
Division of Fuel Cycle Safety
And Safeguards
Office of Nuclear Material Safety
and Safeguards

FROM: Martin J. Virgilio, Director
Office of Nuclear Material Safety
and Safeguards

A handwritten signature in black ink, appearing to read "M. Virgilio", written over the printed name of the Director.

SUBJECT: AD HOC REVIEW PANEL - DIFFERING PROFESSIONAL VIEW ON
MODELING CHEMICAL CONSEQUENCE EFFECTS FOR
DETERMINING SAFETY REQUIREMENTS AT THE PROPOSED
MIXED OXIDE (MOX) FUEL FABRICATION FACILITY
(NMSS-DPV-2002-03)

In accordance with Management Directive (MD) 10.159, Differing Professional Views or Opinions, I am appointing you as members of a Differing Professional View (DPV) Ad Hoc Review panel which will convene for the purpose of reviewing the DPV submitted by Alexander P. Murray, Senior Chemical Process Engineer, Division of Fuel Cycle Safety and Safeguards. The DPV raises concerns regarding Modeling Chemical Consequence Effects for Determining Safety Requirements at the Proposed Mixed oxide (MOX) Fuel Fabrication Facility. A copy of the DPV is provided as Attachment 1. I appreciate your agreement to serve on this panel.

I have designated Mr. Charles L. Miller to be Chairman of this panel. I request that you conduct an independent review of this DPV and make recommendations to me based on the results of your review. In accordance with MD 10.159 (Attachment 2), the panel will need to complete an initial review within seven days of the date of this memorandum to determine whether the submitter has supplied sufficient information for the panel to undertake a detailed review of the issue. After the panel has received sufficient information to begin the review, the panel should complete the DPV review and submit its recommendations to me within 30 days

CONTACT: Robert L. O'Connell, NMSS/IMNS
(301) 415-7877

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Please let me know if there is any additional information or technical assistance you may require to complete your review. I look forward to receiving your independent review results and recommendations.

Attachments: 1. Alexander P. Murray DPV dated December 19, 2002
2. NRC MD 10.159 (12/15/99 Revision)

cc: Alexander P. Murray, FCSS