



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

May 17, 2001

MEMORANDUM TO: William D. Travers
 Executive Director for Operations

FROM: *for* Samuel J. Collins, Director
 Office of Nuclear Reactor Regulation

SUBJECT: WITS ITEM 200100030 - FOLLOW-UP ACTIVITY TO DIFFERING
 PROFESSIONAL OPINION CONCERNING THE START-UP OF
 D.C. COOK, UNITS 1 AND 2

The purpose of this memorandum is to inform senior management of the assignment of initiatives associated with the subject WITS item to be undertaken by the Office of Nuclear Reactor Regulation (NRR) over the next few months. By memorandum dated April 2, 2001, NRR was requested to address documentation issues and recommendations from the Ad-Hoc Differing Professional Opinion (DPO) Panel Concerning the Startup of D.C. Cook, Units 1 and 2. To address the documentation issues and the DPO Panel's recommendations, the Division of Licensing Project Management (DLPM) is tasked with leading the coordination with NRR and Region III to (1) review the documentation issues that the DPO Panel identified, and (2) review the issues related to possible inconsistencies in agency documentation and determine what changes, if any, are warranted.

The following are the three actions to address the documentation issues:

- (1) Provide clarification of how the staff's closure of Restart Action Matrix Item R.3.17, "Changes in Input Assumptions and the Updated Final Safety Analysis Report (UFSAR) for the Transient Mass Distribution (TMD) Analysis: Reconstitution of Sub-Compartment Blowdown Analysis and Assumption Resulted in Differential Pressures Higher than in the UFSAR (Ref. 16)," addressed the reconstitution of the subcompartment analysis. The lead responsible organization is the Division of Systems Safety and Analysis (DSSA) with support from the Division of Engineering (DE).
- (2) Provide a detailed discussion of the staff's assessment of the inherent conservatism in the licensee's TMD analysis and the licensee's use of verified as-built plant-specific information as inputs to its new TMD analysis. The lead responsible organization is DSSA with support from DE.
- (3) Review and, if appropriate, update Revision 1 to Generic Letter (GL) 91-18, its attachment, and Manual Chapter 0350 to incorporate any changes due to (a) revised reactor oversight process, (b) revised Title 10 of the Code of Federal Regulations (10 CFR) 50.59, and (c) new regulatory guides (RGs) that address implementation of the revised 10 CFR 50.59 (RG 1.187) and that clarify the 10 CFR 50.2 definition of design bases (RG 1.186). The lead responsible organization is the Division of Regulatory Improvement Programs (DRIP) with support from the Division of Inspection Program Management (DIPM).

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