

February 2, 2007

MEMORANDUM TO: Luis A. Reyes
Executive Director for Operations

FROM: James T. Wiggins, Chairman */RA/*
Lessons-Learned Oversight Board

SUBJECT: LESSONS-LEARNED OVERSIGHT BOARD - RECOMMENDATIONS
FOR LEGACY EFFECTIVENESS REVIEWS

In a memorandum from L. Plisco, Deputy Regional Administrator, to L. Reyes, Executive Director for Operations, dated July 14, 2006, (ML061950312) the Lessons-Learned Program Development Team recommended that the staff conduct additional effectiveness reviews of legacy lessons-learned reports.

The Lessons-Learned Oversight Board (LLOB) reviewed a listing of significant legacy lessons-learned reports and narrowed the candidates for future effectiveness reviews to the following 8 legacy lessons-learned reports:

1. Loss of Integrated Control System Power and Overcooling Transient at Rancho Seco on December 26, 1985 (NUREG-1195, February 1986);
2. Transformer Failure and Common-Mode Loss of Instrument Power at Nine Mile Point Unit 2 on August 13, 1991 (NUREG-1455, October 1991);
3. Davis-Besse Loss of Feedwater (NUREG-1154);
4. Ingestion of Phosphorous-32 at Massachusetts Institute of Technology, Cambridge, Massachusetts, Identified on August 19, 1995 (NUREG-1535, December 1995);
5. Task Force Report Concerning the Effectiveness of Implementation of the NRCs Inspection Program and Adequacy of the Licensees Employee Concerns Program at the South Texas Project (March 31, 1995);
6. Extremity Exposures in Excess of Regulatory Limits, Mallinckrodt, Inc., Maryland Heights, Missouri, report dated September 5, 2000;
7. Loss of an Iridium-192 Source and Therapy Misadministration at Indiana Regional Cancer Center, Indiana, Pennsylvania on November 16, 1992, Incident Investigation Team (IIT) (NUREG-1480, February 1993); and
8. Tokai-Mura Criticality Event.

On January 25, 2007, the LLOB held a meeting and considered the above legacy lessons-learned reports. The LLOB decided to recommend one legacy lessons-learned report dealing with a reactor event and one legacy lessons-learned report dealing with a materials event.

The LLOB recommends the next effectiveness reviews of legacy lessons-learned reports to be (1) Davis-Besse Loss of Feedwater (NUREG-1154), and (2) Indiana, Pennsylvania IIT.

Resources to support effectiveness reviews in Fiscal Year 2008 are not currently budgeted and should be obtained through the Planning, Budgeting, and Performance Management process, provided it does not impact other high priority work such as new reactor or materials licensing, license renewals, and power uprates. It is estimated that it will take approximately 0.3 FTE (0.15 FTE each) to perform two effectiveness reviews for the Office of Nuclear Reactor Regulation and the Office of Federal and State Materials and Environmental Management Programs.

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