

June 29, 2005

STAKEHOLDER: Engineering Planning and Management, Inc.

SUBJECT: SUMMARY OF MARCH 31, 2005, MEETING WITH ENGINEERING PLANNING AND MANAGEMENT, INC. TO DISCUSS RISK-INFORMED APPROACH FOR POST-FIRE SAFE SHUTDOWN ASSOCIATED CIRCUIT INSPECTION

On March 31, 2005, the Nuclear Regulatory Commission (NRC) staff met with representatives of Engineering Planning and Management, Inc. (EPM) at NRC Headquarters in Rockville, Maryland. This meeting was held to discuss EPM's approach for performing circuit analysis assessments in accordance with Regulatory Issue Summary (RIS) 2004-03, "Risk-Informed Approach for Post-Fire Safe-Shutdown Circuit Inspections," and to share with the NRC and industry EPM's experience regarding the issues/concerns that may arise as a circuit analysis assessment based on this RIS.

This meeting was classified as a Category 2 meeting, which provided an opportunity for members of the public to discuss regulatory issues with the NRC at designated points identified on the agenda.

EPM presented an overview of the evolution of several issues with respect to nuclear power plant fire protection programs. EPM indicated that it has applied the guidance provided in RIS 2004-03 to circuit analysis assessments for some of its clients. EPM also discussed in detail its approach to a risk-informed analysis for post-fire safe-shutdown circuits in accordance with RIS 2004-03, Rev 1. EPM identified several issues for which they would like further guidance from the NRC staff. These include the application of RIS guidance to alternative shutdown areas, fires in relay rooms, fires in cable-spreading rooms, and previously approved exemptions.

EPM's presentation was helpful and informative for the NRC staff. EPM's approach appears to be consistent with the guidance provided by the RIS; however, it does not address compliance issues with respect to spurious actuation caused by hot shorts, including "any-and-all" and "one-at-a-time" considerations. The NRC staff noted that another RIS, "Clarification of Post-Fire Safe-Shutdown Circuit Regulatory Requirements," was being prepared that will clarify the NRC staff's expectations with respect to compliance. The NRC staff believes that many of EPM's concerns will be resolved when the new RIS is issued (the new RIS was issued for public comment after the meeting on May 13, 2005, and is available in the Agencywide Documents Access and Management System (ADAMS), Accession No. ML051110160).

The list of meeting attendees is attached. The meeting handouts are available in ADAMS (Accession No. ML051040443). Persons who do not have access to ADAMS should contact the NRC Public Document Room staff at 1-800-397-4209 or 301-415-4737, or by e-mail to pdr@nrc.gov.

/RA/

Chandu P. Patel, Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Attachment: List of Attendees

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/RA/

Chandu P. Patel, Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Attachment: List of Attendees

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DATE	06 / 16 / 05	06 / 15 / 05	06 / 15 / 05	06 / 29 / 05

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ATTENDANCE LIST

NUCLEAR REGULATORY COMMISSION STAFF MEETING

WITH ENGINEERING PLANNING AND MANAGEMENT, INC.

AT NRC HEADQUARTERS

March 31, 2005

NRC

Sunil Weerakkody
Dan Frumkin
Chandu Patel
Bob Radlinski
J. S. Hyslop
Phil Qualls

EXTERNAL STAKEHOLDERS

Wade Larson, EPM
Bob Kalantari, EPM
Francesco Pellizzari, EPM
Mike Cox, CEG
Deann Raleigh, LIS, Scientech
Edward McCann, Constellation Energy
Fred Emerson, NEI (Public)
Frank Quinn, FMQ&A (Public)
Terry Prince, EPM (By phone)
Nancy Chapman, Bechtel (By phone)
Dennis Hennik, Duke Energy (By phone)
Cal Banning, Framatom (By phone)
Bill McDevit, Framatom (By phone)
Jeff Ertzman, Progress Energy (By phone)