

June 23, 2000

MEMORANDUM TO: Stuart A. Richards, Director
Project Directorate IV & Decommissioning
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: Leonard N. Olshan, Project Manager, Section 1
Project Directorate II /RA/
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF MEETING TO DISCUSS DEFENSE-IN-DEPTH AND
DIVERSITY WITH REGARD TO DIGITAL RETROFITS

On June 13, 2000, representatives of the Electric Power Research Institute (EPRI) met with the staff of the Nuclear Regulatory Commission (NRC) to discuss the staff's position on defense-in-depth and diversity with regard to digital retrofits. Attachment 1 is a list of meeting attendees. Copies of the slides used during the meeting are available under ADAMS accession number ML003723661.

EPRI and various utilities discussed a proposed generic analysis effort that would demonstrate acceptable defense-in-depth and diversity for digital retrofits that follows Branch Technical Position BTP-14 of the Standard Review Plan. EPRI discussed the varied approaches that this analysis could take, such as coverage for different vendor plants, different types of plants within vendor types, and different suppliers of digital equipment. EPRI also discussed an approach that would use existing guidance and would need essentially no further generic analysis. The staff expressed its opinions of the different analyses that were proposed, and also discussed the effort that the staff expects will be needed to review these analyses. EPRI will consider the staff opinions and decide whether to proceed with the analysis, and if so, what approach the analysis will take.

Project No. 669

Attachment: List of Attendees

cc w/att: See next page

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cc:

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Director

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MEETING ON DEFENSE-IN-DEPTH AND DIVERSITY WITH REGARD

TO DIGITAL RETROFITS

JUNE 13, 2000

MEETING ATTENDEES

NRC

I. Ahmed
S.V. Athavale
A. Bryant
M. Chiramal
J. Calvert
C. Doult
F. Gallardo
T. Jackson
E. Lee
H. Li
P. Loeser
J. Mauck
E. Marinos
K. Mortensen
R. Shaffer
M. Waterman

OTHER

J. Naser, EPRI
R. Torok, EPRI
J. Ruether, Northern States Power
B. Geddes, Baltimore Gas & Electric
W. Kemper, Baltimore Gas & Electric
K. Evans, Ameren
R. Jarrett, Tennessee Valley Authority
C. Roslund, Westinghouse
J. Waclo, Software Engineering Institute
L. Erin, Siemens
E. Wenzinger, NUS Information Services
J. Amin, Texas Utilities
B. Shewmaker, Southern Company
J. Stringfellow, Southern Nuclear Operating Company
S. Swanson, Southern Nuclear Operating Company
R. Fink, MPR Associates
G. Sealy, PECO Nuclear