

November 2, 2006

MEMORANDUM TO: Jimi T. Yerokun, Branch Chief
Risk Applications and Special Projects Branch
Division of Risk Assessment and Special Projects
Office of Nuclear Regulatory Research

FROM: Jason H. Schaperow, Senior Reactor Systems Engineer */RA/*
Consequence and Source Term Analysis Team
Division of Risk Assessment and Special Projects
Office of Nuclear Regulatory Research

SUBJECT: SUMMARY OF CATEGORY 1 MEETING WITH
REPRESENTATIVES OF SIX LEAD PLANTS FOR THE STATE-OF-
THE-ART REACTOR CONSEQUENCE ANALYSES
PROJECT

NRC staff conducted a public meeting on October 25, 2006, at NRC Headquarters on the State-of-the-Art Reactor Consequence Analyses (SOARCA) project with the Nuclear Energy Institute (NEI) and licensees of the six plants (Peach Bottom, Duane Arnold, Fermi, Salem, Seabrook, and Diablo Canyon) selected by the NRC as the lead plants for the project. The list of meeting attendees is provided as Enclosure 1. The purpose of the meeting was to provide representatives of the plants and the Nuclear Energy Institute (NEI) with an overview of the project and discuss information needs and any lead-plant concerns. The meeting agenda and NRC's slides are provided as Enclosures 2 and 3, respectively. The six lead plants were selected to provide a mixture of offsite population densities for the first two classes of plants to be analyzed in the study: BWRs with a Mark I containment and Westinghouse 4-loop reactors with a large dry containment. The remaining plants in these two classes will be analyzed following preliminary analysis of the lead plants. The meeting was also attended by the Union of Concerned Scientists and members of two media organizations (Inside NRC and Exchange Monitor).

The NRC staff stated that this was a three-year project to evaluate all nuclear power plants and that the results for all plants will be finalized and published when the project is completed. NRC staff discussed the approach to select accident scenarios to be analyzed and a preliminary set

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of scenarios that NRC plans to analyze for the first two classes of plants. NEI, speaking for the six lead plants, stated that industry supported the project and had some concerns that needed to be further discussed and addressed. NEI stated that they planned to submit a letter to the NRC with their concerns and proposed resolutions. The staff stated they would work with NEI and the industry to handle these issues.

Enclosures

1. List of Attendees
2. Meeting Agenda
3. Meeting Slides

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- 2. Meeting Agenda
- 3. Meeting Slides

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OFFICE	RES	E	RES	
NAME	JSchaperow	JYerokun		
DATE	11/02/06	11/02/06		

Attendance List

NRC

F. Eltawila
J. Monninger
J. Yerokun
D. Dube
C. Hunter
S. Cooper
A. Istar
J. Schaperow
J. Mitchell
C. Narvarro
N. Greene
A. Szabo
N. Siu
M. Caruso
H. Nourbakhsh
S. Burnell
R. Guzman
K. Feintuch
J. Kim
J. Forester, SNL
A. Kolaczowski, SAIC

Representatives for Lead Plants

J. Lavelline, DTE-Fermi
B. O'Donnell, DTE-Fermi
J. Pyo, PG&G-Diablo Canyon
J. Peschel, FPL Energy - Seabrook
F. Mascitelli, Exelon
A. Knoll, Exelon-Peach Bottom
C. Brennan, Exelon-Peach Bottom
B. Bradley, NEI
A. Nelson, NEI
S. Hess, EPRI
J. Gabor, ERIN

Other stakeholders

R. Cooper, Exchange Monitor
S. Dolley, Inside NRC-Platts
E. Lyman, UCS

Meeting Agenda

Wednesday, October 25, 2006

<u>TIME</u>	<u>PRESENTER</u>	<u>TIME</u>
Brief lead plants on the SOARCA project, including discussion of any lead-plant concerns	NRC	12:30
Brief lead plants on the approach to select accident scenarios to be analyzed	NRC	1:30
Public questions and comments	Members of public	3:00
Adjourn		3:30