

October 18, 2013

MEMORANDUM TO: Anthony J. Mendiola, Chief
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

FROM: Joseph J. Holonich, Senior Project Manager */RA by JGolla for/*
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING MEETING ON NUCLEAR ENERGY INSTITUTE
(NEI) GUIDANCE DOCUMENT FOR SPENT FUEL CRITICALITY
ANALYSES (CATEGORY 2 PUBLIC MEETING)

DATE & TIME: Thursday, October 31, 2013, 8:30 a.m-5:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission (NRC)
Room 8A01
Two White Flint North (enter One White Flint North)
11545 Rockville Pike
Rockville, MD 20852

PURPOSE: To exchange information and provide status to the public on various
technical topics related to spent-fuel pool criticality analysis and
guidance.

CATEGORY*: This is a Category 2 public meeting. The public is invited to
participate in this meeting by discussing regulatory issues with the
NRC at designated points identified on the agenda. A conference
number is available upon request.

PARTICIPANTS: The participants from the NRC are from the Office of Nuclear Reactor
Regulation (NRR).

<u>NRC</u>	<u>INDUSTRY</u>
J. Holonich	K. Cummings, NEI, et al.
E. Wong	
C. Jackson, et al.	

Enclosure:
Agenda

CONTACT: Joseph J. Holonich, NRR
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joseph.holonich@nrc.gov

* Commission's Policy Statement on Enhancing Public Participation in NRC Meetings,"
(67 FR 36920), May 28, 2002.

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INDUSTRY
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NRC-001

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DATE	10/18/2013	10/ 4/2013	10/18/2013	10/18/2013	10/18/2013

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**Meeting between the Industry and the U.S. Nuclear Regulatory
Commission (NRC) on Spent Fuel Pool Criticality
October 31, 2013
Agenda**

8:30 am	Welcome, Introductions, and Meeting Objectives (15 mins) <ul style="list-style-type: none"> • Overview of Meeting Agenda 	NRC/Nuclear Energy Institute (NEI) Kris Cummings, NEI
8:45 am	Overview of Electric Power Research Institute (EPRI) Sensitivity Studies (30 mins) <ul style="list-style-type: none"> • Proposed analysis to satisfy commitments from September 24th meeting. 	EPRI
9:15 am	NFV/SFP Rack Model (30 minutes) <ul style="list-style-type: none"> • Parameters to Include • Model Simplifications • Extent of Model (Single Cell Infinite Array versus Whole Pool) 	TBD
9:45 am	Rack Manufacturing Tolerances (30 mins) <ul style="list-style-type: none"> • Parameters to Include 	TBD
10:15 am	Break (15 mins)	
10:30 am	Fuel Assembly in the Storage Rack (30 mins) <ul style="list-style-type: none"> • Channeled/Non-Channeled • Eccentricity • Static/Dynamic Conditions 	TBD
11:00 pm	NVF/SFP Operating Conditions (30 mins) <ul style="list-style-type: none"> • Temperature • Soluble Boron • Static/Dynamic Conditions 	TBD
11:30 pm	Scenarios/Storage Configurations (30 mins) <ul style="list-style-type: none"> • Loading Curves 	Robin Jones, Southern Company
12:00 pm	Lunch (1 hr)	

ENCLOSURE

1:00 pm	Neutron Absorbers (45 mins) <ul style="list-style-type: none">• Boraflex, Boral, and others• Degradation versus Corrosion• Administrative Controls	TBD
1:45 pm	Neutron Absorber Survey (30 mins) <ul style="list-style-type: none">• Survey Questions• Results of Survey	Kris Cummings, NEI
2:15 pm	Break (15 mins)	
2:30 pm	Neutron Absorber Surveillance Program (1.25 hour) <ul style="list-style-type: none">• Coupon Surveillance Program• In-Situ Testing/Monitoring• Use of Industry Data• Use of Surveillance Data in Criticality Analysis	TBD
3:45 pm	Interfaces and Intrafaces (30 mins)	Kris Cummings, NEI
4:15pm	Summary of Actions Captured	Kris Cummings, NEI