

March 6, 2002

MEMORANDUM TO: Charles L. Miller, Deputy Director
Licensing and Inspection Directorate
Spent Fuel Project Office, NMSS

THRU: Michael Tokar, Chief **/RA/**
Transportation and Storage Safety
and Inspection Section
Spent Fuel Project Office, NMSS

FROM: Robert Temps, Safety Inspector **/RA/**
Transportation and Storage Safety
and Inspection Section
Spent Fuel Project Office, NMSS

SUBJECT: SUMMARY OF MEETING WITH NUCLEAR ENERGY INSTITUTE ON
HIGH BURNUP FUEL ISSUES AND CASK VULNERABILITY STUDIES

On March 5, 2002, representatives from the U.S. Nuclear Regulatory Commission's (NRC's) Spent Fuel Project Office, the Nuclear Energy Institute (NEI), the Electric Power Research Institute (EPRI) and industry attended a meeting to discuss NRC staff feedback on recent NEI submittals concerning characteristics of high burnup fuel. Attachment 1 is a list of attendees. Attachment 2 is the set of slides reflecting staff comments on the reports. Attachments 3, 4, and 5 are the slides used by the NEI and EPRI presenters.

An additional topic discussed at the meeting involved a generalized discussion of cask vulnerability studies. NEI/EPRI presented preliminary results of a study involving impact of a commercial jetliner into a transportation cask. NRC staff described the three areas in which vulnerability studies have been initiated: dry cask storage, transportation of spent fuel, and transportation of non-spent fuel. Specific details of the NRC studies were not discussed as this is safeguards information.

NRC, NEI, and EPRI staff agreed to further discussions in the area of high burnup and the need to hold further meetings as the NRC's and NEI/EPRI's vulnerability studies proceed.

Attachments: 1. Attendees List
2. NRC Slides
3. EPRI Slides (Machiels/Rashid)
4. EPRI Slides (Rashid/Machiels)
5. NEI Slides (Supko/Vincent)

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OFFICIAL RECORD COPY

Attachment 1
Attendance List

March 5, 2002 Meeting with NEI/EPRI

Attendance List

NAME	ORGANIZATION	Phone #
Alan Nelson	NEI	202-739-8110
Stan Hayes	Duke Energy	704-382-6786
M. Srinivasan	NRC	310-415-1525
Gordon Gundersen	NRC	301-415-6195
Kim Gruss	NRC	301-415-8586
Brian Gutherman	Holtec	856-797-0900
Wayne Hodges	NRC	301-415-2398
Matt Eyre	Exelon Nuclear	610-765-5825
Andrea Jenetta	WNC/Fuel Publications	301-652-9500
Paul DeLozier	Numark Associates	540-635-6306
Roy Karimi	SAIC	301-353-8326
Eileen Supko	Energy Resources International	202-785-8833
Gary Walden	Duke Energy	704-382-6778
Ernest Moore	Dominion Generation	804-273-2273
Charles Fitzpatrick	Egan & Associates	210-820-2667
Michael O'Mealia	Egan & Associates	703-918-4945
Jayant Bondre	Transnuclear	510-744-6043
Steve Schulin	Nuclear.com	301-762-6714
John Vincent	NEI	202-739-8115
John Kessler	EPRI	650-855-2069
Tara Neider	Constellation	410-793-3476
Robert Quinn	BNFL Fuel Solutions	831-430-5220
Harold Scott	NRC	301-415-6771
Ken Erwin	NRC	301-415-2443
Jack Guttmann	NRC	301-415-8510
Earl Easton	NRC	301-415-8520
Jason Schaperow	NRC	301-415-5907
Ben Grove	Las Vegas Sun	202-628-3100 x269
Kevin Kamps	NIRS	202-328-0002
Chris Brown	NRC	410-415-1988
Rob Temps	NRC	301-415-2552
Lynette Hendricks	NEI	202-739-8109
Joe Rashid	ANATECH	n/a
Albert Machiels	EPRI	n/a

Attachment 2

NRC Slides

Attachment 3
EPRI Slides
(Machiels/Rashid)

Attachment 4
EPRI Slides
(Rashid/Machiels)

Attachment 5
NEI Slides
(Supko/Vincent)