

April 15, 2008

MEMORANDUM TO: Donald G. Harrison, Chief
Balance of Plant Branch
Division of Safety Systems
Office of Nuclear Reactor Regulation

FROM: Steven R. Jones /RA/
Balance of Plant Branch
Division of Safety Systems
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE APRIL 8, 2008, CATEGORY 2 PUBLIC MEETING
WITH THE NUCLEAR ENERGY INSTITUTE (NEI) ON THE INDUSTRY
INITIATIVE ON HEAVY LOAD LIFTS (TAC NO. MD3345)

On April 8, 2008, a Category 2 public meeting was held between the U. S. Nuclear Regulatory Commission (NRC) staff and representatives of NEI at the NRC Headquarters, Executive Boulevard Building, 6003 Executive Boulevard, Rockville, Maryland. The purpose of the meeting was to discuss the industry initiative on heavy loads. An NRC presentation handout addressing elements of realistic analyses and a revised draft of the "Industry Criteria for Reactor Vessel Load Drop and Consequence Analysis," were used in the meeting and are available in the Agencywide Document Access and Management System (ADAMS) as Accession Nos. ML081000415 and ML081000400, respectively.

This meeting continued discussions between the NRC staff and industry representatives regarding the development of industry guidance related to realistic load drop analyses for reactor vessel head lifts. The NRC staff discussed the need to address uncertainties to support the reduced margin to material failure proposed by industry and identified areas of uncertainty. The industry representatives discussed the revisions to the industry guidance and addressed questions from the staff regarding the basis for certain elements of the guidance. Meeting participants discussed specific analysis considerations and success criteria.

At the conclusion of the meeting, the NEI representatives indicated intent to add to the guidance document a discussion of the effect of welds on ductility, examples showing how necessary material properties would be determined, cautions regarding certain states of stress, and additional attributes of a realistic model. The participants agreed to further discussions regarding strain acceptance criteria.

One member of the public was in attendance. A list of attendees is enclosed.

Project No. 689

Enclosure: List of Attendees

cc w/encl: See next page

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Package Accession No. ML081050266 Meeting Notice Accession No. ML080930498 NRC-001
Meeting Summary Accession No. ML081010498 Handout Accession Nos. ML081000415 and ML081000400

OFFICE	NRR/DSS/SBPB	NRR/DSS/SBPB:BC
NAME	SJones	DHarrison
DATE	04/14/2008	04/15/2008

OFFICIAL RECORD COPY

SUMMARY OF THE APRIL 8, 2008, CATEGORY 2 PUBLIC MEETING WITH THE NUCLEAR ENERGY INSTITUTE ON THE INDUSTRY INITIATIVE ON HEAVY LOAD LIFTS (TAC NO. MD3345)

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MEETING WITH THE NUCLEAR ENERGY INSTITUTE (NEI)

April 8, 2008

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Kamal Manoly	US NRC
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Donnie Harrison	US NRC
John Fair	US NRC
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Gordon Bjorkman	US NRC
Bob Tripathi	US NRC
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Tom Houghton	NEI
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Eugene Thomas	Bechtel/NEI
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Daniel Fiorello	Exelon Nuclear/NEI
Dhiren Pandya	Progress Energy/NEI
R D Gil	FPL/NEI
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ENCLOSURE

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Project No. 689

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