

October 8, 2002

ORGANIZATION: Nuclear Energy Institute

SUBJECT: SUMMARY OF MEETING WITH THE NUCLEAR ENERGY INSTITUTE (NEI) ON THE ENVIRONMENTAL ASSISTED FATIGUE ISSUED FOR A LICENSE RENEWAL APPLICATION

On September 18, 2002, the NEI and other industry representatives met with the U. S. Nuclear Regulatory Commission (NRC) staff to present the industry's approach for ways to resolve the environmental fatigue issue for carbon and low-alloy steel components during the license renewal period. The industry proposed to develop an interim staff guidance (ISG) to address the environmental fatigue issue in accordance with the staff's guidance for updating the improved license renewal guidance documents described in July 30, 2002 (see Adams Accession No. ML022120383). The industry indicated that the target date for submitting the ISG for staff review is at the end of this year. The industry also indicated that the ISG would supercede the topical report "Guidelines for Addressing Fatigue Environmental Effects in a License Renewal Application (MRP-47)" that was previously submitted for staff review in July 31, 2001 (see Adams Accession No. ML012480154). Therefore, the industry would not respond to the staff's request for additional information dated in June 26, 2002 (see Adams Accession No. ML021780032).

Enclosed are the meeting agenda (Enclosure 1), the list of meeting attendees (Enclosure 2), and four handouts (Enclosures 3, 4, 5, and 6) presented during the meeting. Because this meeting was focused on the discussion of NRC review process (i.e., Enclosures 3 and 6), the technical information (i.e., review of fatigue data and re-evaluation of NUREG/CR-6674) provided in Enclosures 4 and 5, were not discussed during this meeting. The staff asked the NEI to include this technical information as a part of the above ISG review package.

/RA/

Peter J. Kang, Reactor Systems Engineer
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Project No. 690

Enclosures: As stated

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**License Renewal Meeting
on
Industry Plan for Managing
Environmental Assisted Fatigue of
Carbon and Low-Alloy Steel Components**

**Room O-7B4
September 18, 2002
(1:00 - 4:00 PM)**

Meeting Agenda

Welcome/Introductions	20 minutes
1. Objectives:	60 minutes
a. Agreement on industry plan for managing environmental fatigue	
b. NEI/EPRI/NRC Coordination	
2. Background - EPRI Materials Reliability Program plan on environmental fatigue	30 minutes
3. Supporting information - Bases for industry proposed aging management plan	30 minutes
4. Public comment	10 minutes
5. Summary:	
a. Open Discussion	
b. Actions	30 minutes

Enclosure 1

NRC Meeting Attendance List

**Environmental Assisted Fatigue Issue for a License Renewal Application
September 18, 2002**

<u>Name (print)</u>	<u>Organization</u>
John Fair	NRC/NRR/DE
P.T. Kuo	NRC/NRR/DRIP/RLEP
Rich Barrett	NRC/NRR/DE
Fred Polaski	Exelon
Alan Nelson	NEI
Art Deardorff	Structure Integrity Associates
Mike Robinson	Duke Energy
Stan Rosinski	EPRI
Kamal Manoly	NRC/NRR/DE/EMEB
Robert E. Nickill	EPRI Contractor
Bill Cullen	NRC/RES/DET/MEB
Carol Mayer	NRC/RES/DET/MEB
Lane Hay	SERCH Bechtel
Raj Anand	NRC/NRR/DRIP/RLEP
Gene Imbro	NRC/NRR/DE/EMEB
Tamara Bloomer	NRC/NMSS/DWM/HLLOR
Ken Chang	NRC/NRR/DE/EMEB
Sam Lee	NRC/NRR/DRIP/RLEP
Frank Gillespie	NRC/NRR/DRIP
William Stuard	Constellation Nuclear Services
J. Michael Davis	Duke Energy
Robin Dyle	Southern Nuclear
David A. Steininger	EPRI
Omid Tabatabai	NRC/NRR/DRIP/RLEP
Peter J. Kang	NRC/NRR/DRIP/RLEP

NUCLEAR ENERGY INSTITUTE

Project No. 690

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