

April 7, 2003

ORGANIZATION: Nuclear Energy Institute

SUBJECT: SUMMARY OF MEETING WITH THE NUCLEAR ENERGY INSTITUTE (NEI) ON: (1) NEI'S PROPOSED REVISION TO GENERIC AGING LESSONS LEARNED (GALL) AGING MANAGEMENT PROGRAM (AMP) XI.E2 FOR NON-ENVIRONMENTAL QUALIFICATION CABLES AND (2) INTERIM STAFF GUIDANCE (ISG) ON FUSE HOLDERS

On March 13, 2003, the NEI and other industry representatives met with the U. S. Nuclear Regulatory Commission (NRC) staff to discuss: (1) NEI's proposed revision GALL AMP XI.E2, "Electrical cable not subject to 10 CFR 50.49 Environmental Qualification Requirements used in instrumentation circuits," that was submitted for staff review on February 20, 2003 and (2) the electrical fuse holder ISG that was issued by the staff listed under ADAMS Accession No. ML030690492 on March 10, 2003, for license renewal. The purpose of GALL AMP XI.E2 revision was to develop an inspection program for plants that do not have technical specification required surveillance tests for the above electrical cables used in radiation monitoring and nuclear instrumentation circuits.

The staff and industry representatives reviewed and discussed each of NEI's proposed changes in GALL AMP XI.E2. The version that was used for this meeting reflects the changes from the Institute of Electrical and Electronic Engineers (IEEE) working group 3.4 meeting in October, 2002, where the staff and the industry representatives participated. The staff did not reach a conclusion on the surveillance frequency of electrical cables in AMP XI.E2 program. In addition, the GALL AMP XI.E2 program cannot be applied to those electrical cables that are disconnected for calibration tests. The industry indicated that an alternative to GALL AMP XI.E2 may be needed based on the lessons learned from the review of a few more plants. The meeting reached consensus on addressing AMP XI.E2 as a new ISG, since the proposed revision involved more than editorial changes.

The fuse holder ISG issued on March 10, 2003, addressed the metallic portions (fuse clips) of the fuse holder requiring an AMP to detect the age-related degradation from vibration, thermal cycle, mechanical stress, corrosion, and oxidation of connecting surfaces that could result in fuse holder failures. The staff and industry representatives discussed various tests using thermography and contact resistance measurements that could be applied for the early detection of degradations. NEI agreed to draft an AMP for the fuse holder and submit them for the staff's review and comments by mid-April, 2003.

Enclosed are the meeting agenda, which includes NEI's proposed changes to GALL AMP XI.E2 (Enclosure 1) and the list of meeting attendees (Enclosure 2).

*/RA/*

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License Renewal Section  
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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Enclosed are the meeting agenda, which includes NEI's proposed changes to GALL AMP XI.E2 (Enclosure 1) and the list of meeting attendees (Enclosure 2).

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NUCLEAR ENERGY INSTITUTE

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**NRC Meeting Attendance List**

**License Renewal Meeting on NEI's Proposed Changes to GALL AMP X1.E2  
for Non-Environmental Qualification Cable and Electrical Fuse Holder  
Interim Staff Guidance (ISG)**

**March 13, 2003**

<b><u>Name</u></b>	<b><u>Organization</u></b>
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Erach Patel	Exelon
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Don Arp	TVA
Kimberley Corp	NRR/DRIP/RLEP
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Jit Vora	NRC/RES/DET/MEB
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Paul Shemanski	NRC (consultant)
Thomas Koshy	NRR/DE/EEIB
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Noel Dudley	NRR/DRIP/RLEP
Jeff Mulvehill	Southern Nuclear
T.J. Kim	NRC/RLEP
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**Enclosure 2**