

February 21, 2003

ORGANIZATION: NUCLEAR ENERGY INSTITUTE

SUBJECT: SUMMARY OF MEETING WITH THE NUCLEAR ENERGY INSTITUTE (NEI) ON THE STATUS OF INTERIM STAFF GUIDANCE (ISG) FOR LICENSE RENEWAL

On February 13, 2003, the NEI and other industry representatives met with the U. S. Nuclear Regulatory Commission (NRC) staff to discuss the status of ISG for license renewal. The meeting began with a review of ISG issues listed in the meeting agenda. For those ISG issues on the list, the staff and NEI agreed to retain only technical issues. Thus, ISG No. 8, "Updating the improved Guidance Documents-ISG process" and ISG No.10, "Class of 03 Standard License Renewal Application (SLRA) Format" will be deleted from the list as they contain no technical issues. With a deletion of the two ISGs and the four ISGs that were completed already, all agreed that eight ISGs from a total of fourteen ISGs shown in the agenda remain to be resolved. The staff also encouraged current and future license renewal applicants to address all proposed ISGs in their license renewal application.

The staff and NEI discussed the following ISGs and agreed the status of each ISG as follows:

ISG No. 5 (Fuse holder): The staff will issue this ISG as a final.

ISG No. 6 (Housing): The staff will issue this ISG as a proposed ISG.

ISG No. 7(Scoping Guidance of Fire Protection SSCs): NEI is to provide formal response.

ISG No. 8 (Class of 03 SLRA Format): The staff will provide comments.

ISG No. 9 (Scoping Criteria 54.4(a)(2)): NEI is to submit formal response.

ISG No. 11 (Environmental Fatigue): The staff will issue request for additional information.

In addition, there were discussions on: (1) the staff's review of NEI's proposed changes to the aging management program (AMP) XI.E2, "Electrical cable not subject to 10 CFR 50.49 Environmental Qualification Requirements used in instrumentation circuits," and (2) NEI's forthcoming response to the staff's letter on the renewal commitment list. Also, as a follow-up item of the Public Workshop held on October 22-23, 2002, the staff and NEI discussed the effectiveness of severe accident mitigation alternatives (SAMA) evaluation. The staff and NEI agreed to research further how to meet the SAMA requirements in a cost-effective manner. NEI indicated that a meeting may be necessary to review this issue further.

NEI also indicated that the aforementioned renewal commitment list and the Class of 03 SLRA Format (ISG No. 8) will be a part of NEI 95-10, "Industry Guidance for Implementing the Requirements of 10 CFR Part 54 - The License Renewal Rule" and requested a meeting to discuss the content of NEI 95-10. NEI also noted that the ISG for license renewal should be designated as "ISG-LR" to avoid any confusion with a similar ISG designation used in Nuclear Material Safety and Safeguards.

Enclosed are the meeting agenda which also includes the ISG list (Enclosure 1), and the list of meeting attendees (Enclosure 2).

***/RA/***

Peter J. Kang, Nuclear Systems Engineer  
License Renewal Section  
License Renewal and Environmental Impacts Program  
Division of Regulatory Improvement Programs, NRR

Project No. 690

Enclosures: As stated

cc w/enclosures: See next page

Enclosed are the meeting agenda which includes the ISG list, that used for the meeting (Enclosure 1), and the list of meeting attendees (Enclosure 2).

***/RA/***

Peter J. Kang, Nuclear Systems Engineer  
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NUCLEAR ENERGY INSTITUTE

Project No. 690

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**License Renewal Meeting  
on  
Status of Interim Staff Guidance (ISG)**

**Room T-2B3  
February 13, 2003  
(1:00-3:30 PM)**

**Meeting Agenda**

|   |            |
|---|------------|
| <b>Welcome and Introductions</b>  | 20 minutes |
| <b>1. Objectives:</b><br>Review of ISG list (prepared by the staff)<br>Consolidation of one ISG list  | 40 minutes |
| <b>2. Discussion of ISGs:</b><br><br>Fuse Holder<br>Housing for Active Components<br>Scoping Guidance of Fire Protection SSCs<br>ISG Process & SLRA Format<br>Scoping of Criteria 54.4(a)(2)<br>Environmental Fatigue | 70 minutes |
| <b>3. Public Comment</b>  | 10 minutes |
| <b>4. Summary</b>   | 10 minutes |

**Interim Staff Guidance (ISG)**  
**Status List**  
**for License Renewal**

| No | ISG Issue<br>(Approved ISG No.)  | Purpose  | Actions  | Status<br>(Issue date)                     |
|----|--|--|--|--|
| 1  | GALL report contains one acceptable way, not only way<br><b>(ISG-01)</b> | To clarify GALL report contains one acceptable way, not only way           | Staff issued 11/23/01<br>Letter<br>NEI responded 01/03/02<br><b>Changes to</b><br>GALL: No<br>SRP: Yes   | Completed<br><br>ML013300531<br>(11/23/01) |
| 2  | Station Blackout (SBO) Scoping<br><b>(ISG-02)</b>                        | To add SBO scoping   | Staff issued 11/14/01<br>UCS response 2/19/02<br>NEI responded 3/19/02<br>Final position issued 4/01/02<br><b>Changes to</b><br>GALL: No<br>SRP: Yes | Completed<br><br>ML020920464<br>(04/01/02) |
| 3  | Concrete Aging Management Program<br><b>(ISG-03)</b>                     | To clarify the applicable aging management programs (AMPs) in GALL and SRP | Staff issued 11/23/01<br>NEI responded 3/14/02<br>Staff responded 4/5/02<br>NEI responded 4/29/02<br><b>Changes to</b><br>GALL: Yes<br>SRP: Yes      | Completed<br><br>ML013300426<br>(11/23/01) |
| 4  | Fire Protection System Piping<br><b>(ISG-4)</b>                          | To clarify AMPs M26 and M27  | Staff issued 1/28/02<br>Final position issued 12/03/02<br><b>Changes to</b><br>GALL: Yes<br>SRP: Yes   | Completed<br><br>ML022260137<br>(12/03/02) |

|    |   |  |   |                         |
|----|---|--|---|-------------------------|
| 5  | Identification and Treatment of Electrical Fuse Holder                        | To include fuse clips and fuse block for fuse holders and to add a new AMP for fuse clips (i.e., metallic) | Staff issued 5/16/02<br>UCS concurred 5/23/02<br>NEI responded 06/19/02<br>Staff is revising its position<br><b>Changes to</b><br>GALL: Yes<br>SRP: Yes | Under Staff Development |
| 6  | Identification and Treatment of Housing for Active Components                 | To clarify a need for aging management review (AMR) for housing for fans, dampers, and H/C coils           | Staff issued 5/01/02<br>Staff will re-issue its position<br><b>Changes to</b><br>GALL: Yes<br>SRP: Yes  | Under Staff Development |
| 7  | Scoping Guidance for Fire Protection (FP) Systems, Structures, and Components | To clarify the FP scoping  | Staff issued 11/13/02   | Awaiting NEI response   |
| 8  | Updating the Improved Guidance Documents- ISG Process                         | To establish ISG process. The appeal process will be a part of ISG process                                 | Staff issued 12/21/01<br>NEI response 3/13/02<br>Staff issued 07/30/02 (ML022120383)  | Under Staff Development |
| 9  | Scoping Criteria 54.4(a)(2)   | To clarify the scoping Criteria 54.4(a)(2)   | Staff issued 12/03/02 on Seismic II/I.<br>Staff issued 3/15/02 on scoping criteria 54.4(a)(2).<br>NEI submitted white paper via E-mail 11/18/02         | Under Staff Development |
| 10 | "Class of 03" Standard License Renewal Application (SLRA) Format              | To standardize license renewal application format for 2003 applicants                                      | NEI submitted January 24, 2003  | Under Staff Development |



|    |   |  |   |                         |
|----|---|--|---|-------------------------|
| 11 | Aging Management of Environmental Fatigue for Carbon/Low-Alloy steel                                      | To review this fatigue issue as ISG process, agreed by September 18, 2002, meeting | NEI submitted ISG input January 17, 2003 for staff review | Under Staff Development |
| 12 | Operating Experience with Cracking of Class 1 Small-Bore Piping   |  | Identified as ISG on May 29, 2002, Public Meeting         | On hold                 |
| 13 | Management of loss of preload on reactor vessel internals bolting using the loose parts monitoring system |  | Identified as ISG on May 29, 2002, Public Meeting         | On hold                 |
| 14 | Operating Experience with Cracking in Bolting   |  | Identified as ISG on May 29, 2002, Public Meeting         | On hold                 |

**NRC Meeting Attendance List**  
**Status of Interim Staff Guidance (ISG)**  
**February 13, 2003**

| <b><u>Name (print)</u></b> | <b><u>Organization</u></b>     |
|----------------------------|--------------------------------|
| Russ Arrighi               | NRR/DRIP                       |
| George Wrobel              | RG&E                           |
| Dave Wilson                | RG&E                           |
| Ramin Assa                 | ACRS                           |
| Dave Flyte                 | PPL Susquehanna                |
| Bernie Van Sant            | OPPD                           |
| Nancy Chapman              | SERCH/BECHTeI                  |
| T.C. Matthews              | OPPD                           |
| Alan Cox                   | Entergy                        |
| Alan Nelson                | NBI                            |
| Dave Ackerman              | First Energy                   |
| Charles Willbanks          |                                |
| Peter J. Kang              | NRR/DRIP/RLEP                  |
| Michael Heath              | Progress Energy                |
| Jim Kuorr                  | NMC-Point Beach                |
| Talmage Clements           | Progress Energy                |
| Fred Polaski               | Excelon                        |
| Naeem Oqbal                | NRR/DSSA/SPLB                  |
| J.H. Raval                 | NRR/DSA/SPLB                   |
| C. Holden                  | NRR/DE/EEIB                    |
| Paul Aitken                | Dominion                       |
| Pete Mazzafesso            | Constellation/NMP              |
| Tony Greci                 | Constellation Nuclear Services |
| Chang-Yang Li              | NRR/DSSA/SPLB                  |
| Michael Semmler            | Duke Energy                    |
| T.J. Kim                   | NRR/RLEP                       |
| Ram Subbartnam             | NRR/RLEP                       |
| Eric Weiss                 | NRR/DSSA/SPLB                  |
| Jit Vora                   | RES/DET/MEB                    |
| Jim Kobyra                 | AEP                            |
| Rich Emch                  | NRR                            |
| Sam Lee                    | NRR/DRIP/RLEP                  |
| John Fair                  | NRR/DE/EMEB                    |
| Tanya Mensah               | NRR/DSSA/SPLB                  |
| Steve Hoffman              | NRR/DRIP/RLEP                  |
| William Burton             | NRR/DRIP/RLEP                  |
| Omid Tabatabai             | NRR/DRIP/RLEP                  |
| Gary Adkins                | TVA                            |
| Harold Walker              | NRR/DSSA/SPLB                  |
| Tilda Liu                  | NRR/DRIP/RLEP                  |
| Thomas Koshy               | NRR/DE/EELB                    |
| P.T. Kuo                   | NRR/DRIP/RLEP                  |