



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

May 26, 1999

ORGANIZATION: Nuclear Energy Institute (NEI)

SUBJECT: SUMMARY OF LICENSE RENEWAL STEERING COMMITTEE MEETING
WITH THE NEI LICENSE RENEWAL WORKING GROUP

The Nuclear Regulatory Commission's (NRC's) License Renewal Steering Committee (LRSC) met with the NEI License Renewal Working Group on May 12, 1999, to discuss the status of the first two license renewal applications and generic activities and issues associated with license renewal. Attendees are listed in Attachment 1. The agenda for the meeting is provided in Attachment 2. Following is a summary of the topics discussed at the meeting:

1. Application Review Status

Calvert Cliffs

Baltimore Gas and Electric (BGE) stated that the process is working and that there were no issues that need to be raised to the LRSC and NEI Working Group. Of the 28 safety evaluation report (SER) open items, NRC has action for 3 and BGE has action for 7 items. BGE is providing clarifications and corrective actions for the other 18 open items. One issue that was discussed at the last meeting was the evaluation of fatigue for renewal. As an outcome of a meeting on April 27, 1999, with NEI, Electric Power Research Institute, Argonne National Laboratory, and others, the NRC staff and BGE have agreed in principle to an approach for the fatigue confirmatory item (which addresses Generic Safety Issue, GSI-190). BGE expects to be able to fulfill the commitments and information needs identified for all 20 confirmatory actions and expects to provide by the end of June, all information needed by the staff to prepare the final SER and final environmental statement.

Oconee

There are two major milestones in June regarding the Oconee license renewal review. The SER is scheduled to be issued by June 17 and the draft supplemental environmental impact statement by June 2, 1999. Potential open items in the SER were sent to Duke Energy Corporation (Duke) by NRC letters dated April 8 and 16, 1999. Duke provided additional information for 66 of 79 potential SER open items by letter dated May 10, 1999. A license renewal scoping inspection was conducted at Oconee April 26 - 30, 1999. On May 11, 1999, the staff and representatives from the Office of the General Council met with Duke in a public forum to discuss the resolution of an open item related to the appropriate events for renewal scoping. 111

Duke incorporates by reference, license renewal technical reports prepared by the B&W Owners Group. The NRC issued on April 26, 1999, the final SER for the reactor vessel aging management report (BAW-2251). The staff is preparing the draft SER for the final report referenced by Duke, the reactor vessel internals report (BAW-2248). 94-98

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2. Severe Accident Mitigation Alternatives Discussion

The NRC staff presented its proposal for proceeding with the severe accident mitigation alternative (SAMA) rulemaking (Attachment 3). The background and necessity for addressing the issue and the proposed approach for initiating a feasibility study were discussed. First, the staff will establish an appropriate scope for studying the SAMAs within the limits of the National Environmental Policy Act and 10 CFR Part 51. A contract to conduct a feasibility study on the analysis of SAMAs for potential rulemaking will then be issued to a national laboratory. The final product of the study scheduled for completion by November 1999 is a paper presenting alternative study designs, costs, and the identification of problems in conducting the study and in basing a rule on it.

Industry comments were favorable to the staff proposal, but industry indicated that a petition for rulemaking on this subject may be submitted in the near future. The petition would ask for eliminating evaluation of SAMAs for license renewal. Another question raised by industry was whether, based on experience from the Calvert Cliffs review, near-term improvements could be made in the renewal SAMA review. Industry also questioned the applicability of renewal results to operating plants. Lastly, industry indicated that they believed the staff study and NEI's petition for rulemaking complimented each other and could be completed in parallel. The staff, NEI, and industry will meet in a public forum to discuss this topic further.

3. Fatigue/GSI-190 Discussion

Applicants for renewal must address environmental effects on fatigue resistance of metal components in their applications. The SER for Calvert Cliffs contains Confirmatory Item 3.2.3.3-1 that states that if Generic Safety Issue 190 (GSI-190) is not resolved generically prior to operation in the extended period of operation, BGE must provide a bounding analysis or monitoring program on a plant-specific basis. This item raised concern by BGE and others in the industry as a restraint to operation beyond year 40 that is tied to resolution of GSI-190. The Office of Nuclear Regulatory Research is currently scheduled to complete resolution of GSI-190 by December 1999. The staff and BGE have subsequently established a plant-specific approach for addressing fatigue effects for Calvert Cliffs that may be used by other applicants. This resolves industry's immediate concerns but they requested clarification on the staff's activities for resolving GSI-190. The staff agreed to meet publically with NEI again in the future to discuss the schedule and activities that are expected to lead to the resolution of GSI-190.

4. Credit for Existing Programs

This issue concerns the extent of credit given by the NRC staff for existing programs in determining the scope and depth of its review of a license renewal application. The industry maintains that it was the Commission's intent when issuing the revised license renewal rule (10 CFR Part 54) in 1995, that existing programs that manage aging should be credited for renewal without the need for additional review.

The staff expects to complete a Commission paper on this matter by May 28, 1999, and indicated that NEI's March 3 and May 4, 1999 letters are being addressed. Specific examples regarding credit for existing programs will be provided in the paper. A Commission meeting to discuss this issue is tentatively scheduled for the week of July 12, 1999.

May 26, 1999

5. Ongoing Activities & NEI Response to Proposed NRC Issue Resolutions

The staff has completed guidance on consumables, fuses, and aging management for dams. The staff will meet with NEI to discuss updating the status of the generic renewal issue inventory and monitor closure of these issues. While some of the schedules for these issues have slipped, the application schedules are being maintained. For future LRSC meetings with NEI, the staff will provide status reports for the generic renewal issues and Owners Groups technical reports.

The next meeting between the NRC LRSC and the NEI Working Group is scheduled for July 28, 1999.

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Stephen T. Hoffman, Senior Project Manager
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Project No. 690

Attachments: As stated

cc: w/Attachments: See next page

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NUCLEAR ENERGY INSTITUTE
(License Renewal Steering Committee)

Project No. 690

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NRC LICENSE RENEWAL STEERING COMMITTEE MEETING
WITH THE NEI LICENSE RENEWAL WORKING GROUP
MAY 12, 1999

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1. Steve Hoffman	NRC/NRR/DRIP/RLSB
2. Sam Lee	NRC/NRR/DRIP/RLSB
3. Raj Anand	NRC/NRR/DRIP/RLSB
4. Jack Strosnider	NRC/NRR/DE
5. Chris Grimes	NRC/NRR/DRIP/RLSB
6. Stephen Burns	NRC/OGC
7. Janice Moore	NRC/OGC
8. Margeret Federline	NRC/RES
9. Roy Zimmerman	NRC/NRR
10. William Kane	NRC/NRR
11. Doug Walters	NEI
12. Ralph Beedle	NEI
13. Raj Kundalkar	Florida Power & Light
14. Joseph Hagan	PECO-Energy
15. Mike Tuckman	Duke Energy (Duke)
16. Charlie Cruse	CEG-Baltimore Gas & Electric (BGE)
17. Louis Long	Southern Nuclear
18. Leslie Hartz	Dominion Generation (Va Power)
19. Brian Richter	NRC/NRR/DRIP/RGEB
20. Scott Newberry	NRC/NRR/DRIP
21. Don Cleary	NRC/NRR/DRIP/RGEB
22. Keith Wichman	NRC/NRR/DE/EMCB
23. Lee Banic	NRC/NRR/DE/EMCB
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25. Sidney Crawford	Consultant
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27. Lynn Connor	DSA
28. Donald Ferraro	Winston & Strawn
29. Ericka Gruthrie	NWC
30. Colleen Amoruso	NUS Information Services
31. Barry Zalzman	NRC/NRR/DRIP/RGEB
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33. R. P. Heibel	BGE
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35. Steve Hale	FPL
36. Tony Pietrangelo	NEI
37. Greg Robison	Duke
38. Rounette Nader	Duke
39. Roger Newton	WEPCO
40. Fred Polaski	PECO-Energy
41. Terry Pickens	NSP
42. Caudle Julian	NRC/Region II (By Telephone)

AGENDA
MAY 12, 1999
NRC LICENSE RENEWAL STEERING COMMITTEE
MEETING WITH THE
NEI LICENSE RENEWAL WORKING GROUP

1. Application Review Status
 - Calvert Cliffs
 - Oconee
2. Severe Accident Mitigation Alternatives Discussion
3. Fatigue/GSI-190 Discussion
4. Credit for Existing Programs
 - NRC Staff Activities
 - NEI May 4, 1999, Letter to Chairman Jackson
5. Ongoing Activities & NEI Response to Proposed NRC Issue Resolutions

Presentation to the
License Renewal Steering Committee
on Proposed Procedures for a
Severe Accident Mitigation Alternative Rulemaking

Brian J. Richter
RGEB/DRIP/NRR
May 12, 1999

Background

Part 51 Rule Codified Generic Conclusions on Accident Consequences

However, Severe Accident Mitigation Alternatives Must be Considered for Individual Applications

Commission Commitment to Considering Generic Rulemaking

NRC Assumed that IPEs/IPEEEs Would Provide the Basis for Generic Treatment of SAMAs

Staff Proposes to Initiate a Feasibility Study

Establish an Appropriate Scope for SAMA within Confines of NEPA and Part 51 - May/June

Initiate Contract to Assess the Feasibility of a Generic SAMA Study - June 1999

Proposed Alternative Study Designs – September 1999

Final Report on Alternative Study Designs and Costs – November 1999



Nuclear Energy Division

**Calvert Cliffs
License Renewal Application
Status Report to the
US Nuclear Regulatory Commission**

May 12, 1999

Charles H. Cruse, Vice President Nuclear



Nuclear Energy Division

Objectives of Meeting

- Brief NRC License Renewal Steering Committee on progress/issues of license renewal application for CCNPP
- Discuss issues that need BGE or NRC Management attention

99-017

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CCNPP License Renewal Application

Progress

- SEIS public meetings **completed satisfactorily**;
Comment period ends 5/20/99
- NRC Region I Aging Management Inspections **completed satisfactorily**; anticipate report by June
- ACRS review **completed satisfactorily**;
anticipate "interim" letter

99-017

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CCNPP License Renewal Application

Issues

- NRC and BGE staffs continue to work through the issues well; No issues to escalate this reporting period.

99-017

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Where We Go From Here

- Remaining work to close open and confirmatory items should be High Priority,
- Issue final Region I Inspection Report;
- Determine if ACRS interim letter, when issued, requires any additional work by staff, and
- Determine if any new and significant information has resulted from SEIS review.

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License Renewal Steering Committee

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