

August 02, 2001

MEMORANDUM TO: K. Steven West, Section Chief
Generic Issues, Environmental, Financial
and Rulemaking Branch
Division of Regulatory Improvement Programs, NRR

FROM: Peter C. Wen, Project Manager/**RA**
Generic Issues, Environmental, Financial
and Rulemaking Branch
Division of Regulatory Improvement Programs, NRR

SUBJECT: SUMMARY OF AUGUST 1, 2001, TELEPHONE CONFERENCE
BETWEEN NRC AND NEI REGARDING NEI PROPOSED SURVEY ON
CONTAINMENT ILRT INTERVAL EXTENSION

On August 1, 2001, a telephone conference was held between Hans Ashar, Jim Pulsipher, and Peter Wen of the NRC and Fred Madden of NEI. The telephone conference was held, per NEI's request, to provide comments on an NEI proposed industry-wide survey that it plans to use for acquiring information in support of the Appendix J, Option B ILRT extension to 20 years. The subject of the NEI proposed industry-wide survey was discussed in a public meeting held on July 12, 2001.

NEI provided its draft proposed industry-wide survey through an e-mail to NRC (Attachment 1). The comments provided by the NRC staff are contained in Attachment 2. Specifically, the staff suggested that NEI include two questions to address the issues related to (1) the degradation of expansion bellows found at some containments and (2) the impact of ILRT extension on the suppression system functional tests.

Attachments: As stated

cc: F. Madden, NEI

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cc: F. Madden, NEI

Accession#ML012200012
NRC-001

***See previous concurrence**

DOCUMENT NAME: G:\RGE\B\PXW\TELECONF0801.WPD

OFFICE	RGEB		SC:SPLB		SC:RGEB	
NAME	PWen		GHubbard		SWest	
DATE	08/01/01		08/02/01		08/02/01	

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From: "MADDEN, Fred" <fwm@nei.org>
To: "pxw@nrc.gov" <pxw@nrc.gov>
Date: 7/30/01 10:04AM
Subject: NEI Containment ILRT Initiative

Mr. Wen:

Per our discussion, attached is the proposed industry-wide survey we plan to use to acquire containment performance information.

Please let me know if you or other members of the staff have any questions.

Fred W Madden
Nuclear Energy Institute
202-739-8114
fwm@nei.org

Attachment 1

DRAFT
 NEI
 CONTAINMENT ILRT INTERVAL EXTENSION PROJECT
 SURVEY

Return to: Fred Madden
 fwm@nei.org

Item	Response		Comments
Plant Name			
Unit No.			
Contact Name			
Contact Phone and Fax Numbers			
Contact email Address			
Contact Mailing Address			
Are you interested in being able to extend the integrated leakage rate test (ILRT) surveillance interval to 20 years? [yes or no]			
When did you conduct your <u>last</u> 2 ILRT(s)? [year and month(s)]			
When do you plan to conduct your <u>next</u> ILRT? [year & month]			
Are you using Option B of 10CFR50, Appendix J for ILRT (10-year frequency)? [yes or no]			
Are you using Option B (extended interval) for any type B (local) leak rate testing?			
Are you using Option B (extended interval) for any type C (local) leak rate testing?			
<i>Note: The following questions are applicable only for the period from January 1995 to present (July 2001). We are interested in ascertaining whether there have been any occurrences of excessive containment bypass paths (leak paths) detectable only at the ILRT frequency (Ten or the proposed twenty years).</i>			
Have you had any ILRT failures? If yes, please provide additional details including how identified, leak rate, date, and root cause. ⁽¹⁾			

DRAFT
 NEI
 CONTAINMENT ILRT INTERVAL EXTENSION PROJECT
 SURVEY

<p>Have you seen any evidence of containment degradation affecting or potentially affecting containment leak-tight integrity? If yes, please provide additional details including how identified (e.g., IWE/IWL inspection), leak rate, date, and root cause.⁽¹⁾</p>		
<p>Have you identified any leakage failures of components subject to local leak rate testing <u>during an ILRT</u>? [yes or no] If yes, please provide additional details, including date, leak rate, root cause and an assessment of the redundant component operability, if applicable.⁽¹⁾</p>		
<p>At any time since 1995, has the sum of your as-found type B&C leakage rates (determined on an MNPLR basis) exceeded the limit (0.6La)? If so provide details including leak rate, root cause, date, and affected penetrations, and a statement as to whether the penetration was on an extended (Option B) testing frequency.⁽¹⁾</p>		
<p>Note ⁽¹⁾ – If it is more convenient to attach existing reports or data that contain these details, please feel free to do so.</p>		

Additional Comments:

COMMENTS ON NEI QUESTIONNAIRE - ILRT EXTENSION

Generically, the questionnaire is reasonable. However, it lacks a question about the methods that would be employed if certain leakages could be identified only by integrated leak rate testing (for example, degradation of vent bellows in Mark I containments). Also, we have a question related to the effect on pressure suppression systems functional testing if the ILRT interval is extended. We suggest that the following questions be added to the survey:

1. Since the issuance of IN 92-20, "Inadequate Local Leak Rate Testing," what steps have you taken to effectively test the bellows in your plant in absence of the ILRT?
2. For pressure-suppression plants: would an extension of the ILRT interval affect the test interval for suppression system functional tests (e.g., to measure suppression pool bypass)? How?

DISTRIBUTION: Tele Conference w/NEI Re ILRT Issues Dated
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