



OG-00-096

NRC Project Number 686

**Domestic Members**

**AmerenUE**  
Callaway  
**American Electric Power Co.**  
D.C. Cook 1 & 2  
**Carolina Power & Light Co.**  
H.B. Robinson 2  
Shearon Harris  
**Commonwealth Edison**  
Braidwood 1 & 2  
Byron 1 & 2  
**Consolidated Edison**  
Company of NY, Inc.  
Indian Point 2  
**Duke Power Company**  
Catawba 1 & 2  
McGuire 1 & 2  
**First Energy Nuclear**  
Operating Co.  
Beaver Valley 1 & 2  
**Florida Power & Light Co.**  
Turkey Point 3 & 4  
**New York Power Authority**  
Indian Point 3  
**Northeast Utilities**  
Seabrook  
Millstone 3  
**Northern States Power Co.**  
Prairie Island 1 & 2  
**Pacific Gas & Electric Co.**  
Diablo Canyon 1 & 2  
**PSEG - Nuclear**  
Salem 1 & 2  
**Rochester Gas & Electric Co.**  
R.E. Ginna  
**South Carolina Electric**  
& Gas Co.  
V.C. Summer  
**STP Nuclear Operating Co.**  
South Texas Project 1 & 2  
**Southern Nuclear**  
Operating Co.  
J.M. Farley 1 & 2  
A.W. Vogtle 1 & 2  
**Tennessee Valley Authority**  
Sequoyah 1 & 2  
Watts Bar 1  
**TXU Electric**  
Comanche Peak 1 & 2  
**Virginia Power Co.**  
North Anna 1 & 2  
Surry 1 & 2  
**Wisconsin Electric Power Co.**  
Point Beach 1 & 2  
**Wisconsin Public Service Corp.**  
Kewaunee  
**Wolf Creek Nuclear**  
Operating Corp.  
Wolf Creek

**International Members**

**Electrabel**  
Doel 1, 2, 4  
Tihange 1, 3  
**Kansai Electric Power Co.**  
Mihama 1  
Takahama 1  
Ohi 1 & 2  
**Korea Electric Power Co.**  
Kori 1 - 4  
Yonggwang 1 & 2  
**Nuclear Electric plc**  
Sizewell B  
**Nuklearna Elektrarna Krsko**  
Krsko  
**Spanish Utilities**  
Asco 1 & 2  
Vandellos 2  
Almaraz 1 & 2  
**Vattenfall AB**  
Ringhals 2 - 4  
**Taiwan Power Co.**  
Maanshan 1 & 2

October 9, 2000

To: Christopher I. Grimes, Chief  
License Renewal and Standardization Branch  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission

Subject: Westinghouse Owners Group  
Transmittal of WCAP-14577, Revision 1, "License Renewal Evaluation;  
Aging Management Review of Internals, October 2000, Showing Text  
Modifications Identified in the WOG Responses to NRC RAIs.

References: OG-99-096, Responses to NRC Request for Additional Information on  
WCAP-14577, November 25, 1999

September 8, 2000 transmittal from Grimes to Newton - Draft Safety  
Evaluation of Westinghouse Owners Group Topical Report: "License  
Renewal Evaluation: Aging Management for Reactor Internals," WCAP-  
14577, Revision 0, June 1997

As agreed in our telephone call of September 19, the Westinghouse Owners Group has  
incorporated all of the text changes to WCAP-14577 identified in the responses to RAIs  
on that report. A line-in / line-out version of Revision 1 is attached. For completeness,  
the letter transmitting the WOG RAI responses is included as Attachment 1 to the report.

In addition, IN 98-11 has been added as a reference, with descriptive text included in  
section 2.6.2, which describes operational experience with baffle-former bolts.

Attachment 1 is a summary table of the changes to facilitate your review. The table  
identifies those sections in Revision 1 that have been changed, the nature of the change  
(or the previous section in Rev. 0 from which text was moved), and the RAI response  
number that initially described the change.

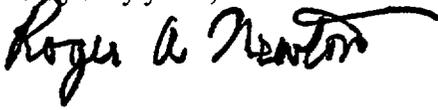
The WOG will initiate a telephone call with you on October 12 to obtain your agreement  
that all identified changes have been correctly incorporated. At that time, WOG will  
create the final Revision 1 version, containing only margin bars to indicate new text. The  
cover letter that transmits Revision 1 to the NRC will request that all remaining DSER  
open items be converted to licensee action items, and the SER be issued as "final." It is  
our expectation to issue Revision 1 as an approved version upon receiving the Final  
Safety Evaluation, hopefully as soon as December 1, 2000.

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Safety Evaluation, hopefully as soon as December 1, 2000.

Very truly yours,

A handwritten signature in black ink that reads "Roger A. Newton". The signature is written in a cursive style with a large, prominent initial "R".

Roger A. Newton, Chairman  
License Renewal Working Group  
Westinghouse Owners Group

Enclosure: (5) copies of DRAFT WCAP-14577 Rev. 1

cc: R.K. Anand, Project Manager, USNRC License Renewal Project Directorate, (1L, 1A)  
WOG License Renewal Working Group (1L, 1A)  
WOG Steering Committee (1L, 1A)  
A.P. Drake, W (1L, 1A)  
C.E. Meyer, W (1L, 1A)

## Summary of Changes Incorporated into WCAP-14577 Rev. 1

Revision 1 Section	Change from Revision 0	RAI Response #
Frontmatter	Conforming changes to Table of Contents, Figures, Tables Update to Westinghouse Company status	N/A
1.2	Footnote at end that flux thimbles were included arbitrarily	10
2.2	Subcomponent functions added Table 2-1 modified Table 2-2 added Text at end of Section 2.2 deleted as redundant to new Table 2-2	10
2.5.2	Text added to update status of Gsi-166, GSI-190 (Text copied from SRP-LR Draft August 2000)	5
2.6.2	Paragraph added describing IN 98-11	N/A
2.6.2	Last paragraph expanded	2
2.6.7.2	Last paragraph expanded	2
3.1	Previous 3.1 Industry Issues deleted Previous 3.1.1, Section and subsections on Swelling deleted Previous 3.2, Aging Management Review is now 3.1 All 3.2.x sections renumbered as 3.1.x Conforming changes to internal section references	8
3.1.8.2	Text modified for (Thermal Aging) Aging Effect Evaluation	7
3.1.10	Text modified	5
3.1.10.2	Text added (previously in 4.2.1)	5
3.1.10.3	New text (previously 4.2.1.1)	5
3.1.10.4	New text (previously in 4.2.1.2) Text from previous 3.2.10.2	5
3.1.11 and 3.1.11.x	Text was previously 3.1.1 and 3.1.1.x (Swelling)	8
3.2.10 (Fatigue)	Text revised	5
3.2.11 (Swelling)	New text	8
4.1.1	Final paragraph modified	6
4.2.1	Text shown as added was moved from previous 4.2.1.2 Deletions show where text was moved to new 3.1.10.x	5
4.2.2	Final paragraph expanded	3 & 4
Table 4-6	Detailed component list deleted in AMP-4.5	5
6.0	References added from new text in Sections 2.5.2, 2.6.2	5, N/A
8.0	Attachment added – WOG RAI Response Letter, OG-99-096	N/A