

ALLEGATION REVIEW BOARD
MEETING SUMMARY

Allegation Number NRR-1998-A-0011
TAC No. MA0857

1. The NRR Allegation Review Board met on September 28, 1998, at 9:00 a.m.

2. Present at the meeting were:

D. Matthews*	J. Stang
C. Thomas*	R. Martin
R. Hoefling	J. Lee*
F. Hebdon	F. Tobler*
R. Bellamy	M. McAllister
R. Gramm	C. Norsworthy
R. Pettis	

RII by Phone

A. Ignatonis	O. DeMiranda
C. Christianson	A. Boland
P. Frederickson	W. McNulty
C. Julian	

RIII by Phone

J. Hopkins
J. Gavula

*ARB members

3. Facilities/organizations involved: Westinghouse, Cook, McGuire, Watts Bar, and Sequoyah

4. Allegation: During the Sept. 28, 1998 ARB a list of issues and concerns were discussed. However, on December 1, 1998 a joint meeting with Region II was conducted in NRR to come to an agreement on the list of concerns and to verify that all the concerns and issues were captured. Even though the revised list was formulated after the ARB meeting of Sept. 28, 1998, there were no reassignments made that contradicted the initial ARB of Sept. 28, 1998. The following list contains those concerns discussed during the Sept. 28, 1998 ARB as modified by the Dec. 1, 1998 meeting.

ALLEGATION NO. NRR-1998-A-0011		
CONCERN NO.	DESCRIPTION	FACILITY
1.	There were whole and broken screws found in the Watts Bar ice melt tank implying defective screws, improper installation, or design of ice baskets.	Watts Bar

6/23

Received
O. DeMiranda
II

2.	The results of neither the 6/2/95 nor the 6/19/95 ice condenser screw TVA central laboratory report were "officially" sent to Westinghouse, as required by the corrective action steps in PER 246.	Watts Bar & Westinghouse
3.	Defective screws were found in the melt system that were not reported to management	McGuire
4.	An ice basket was pulled apart as a result of missing and defective screws.	D.C. Cook
5.	Potential defects identified in warehouse screws and documented in the 6/2/95 TVA central laboratory report were not listed or evaluated in the 6/19/95 report	Watts Bar
6.	The first version of the metallurgical report shows that new unused screws contain cracks, implying a generic defect.	Great Lakes Manufacturing Company
7.	The first version of the report was retracted, copies confiscated, and a replacement report issued excluding data from the first report	Watts Bar
8.	A Sequoyah supervisor refused to release screws to the allegor because it might cause the Sequoyah plant to be shut down.	Sequoyah
9.	A TVA manager said in 1995 that there should be no more PERS, SRC, DCNs, etc. written unless they are work critical to achieving fuel load.	Watts Bar
10.1	TVA allegedly knew of problems with ice condenser doors, baskets or screws that met NRC reportability requirements and did not report these problems to the NRC.	Watts Bar

10.2	Containment ice condenser problems (configuration and testing, bay doors and ice baskets) were known but not properly reported by Westinghouse or affected licensees.	McGuire
10.3	TVA allegedly knew of problems with ice condenser doors, baskets or screws that met NRC reportability requirements and did not report these problems to the NRC.	Westinghouse
11.	For unknown reason, Sequoyah switched screw suppliers in 1998 implying they were aware of defective screws.	Sequoyah
12.	TVA central laboratory staff were not qualified to make decisions on failure modes; and that the lab may not meet QA standards for handling safety-related evaluations	Watts Bar
13.	Common-use sheet-metal screws used throughout the plant are used on the ice condenser, in place of vendor-approved basket coupling screws.	Watts Bar
14.	The ice condenser floor could heave due to water accumulation below the concrete floor and jam bay doors.	Watts Bar
15.	Excessive moisture (frost) accumulation could occur on the hinges on the ice condenser bay doors that restrict the doors from opening	Watts Bar
16.	The ice condenser system has similar problems to those identified at DC Cook, as documented in NRC IR-50-315/316-980005	Watts Bar

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5. This allegation was previously assigned to PDIII-2 (J. Stang) for resolution.
6. The ARB previously determined the concerns identified in the allegation to be of potential safety significance. There are potentially operability problems with the ice condenser containment following a DBA.
7. The ARB previously assigned this allegation a Priority Level of 3 after consideration of its safety significance. No immediate plant safety or public health and safety issues are known.
8. (Potential wrongdoing issues) It is possible that potential wrongdoing may exist as a result of a recent inspection. However, OI will await for further review results before determining if further action is warranted. (Potential wrongdoing issues are identified in No. 4 above.)
9. The following resolution plan and schedule were approved by the ARB (Region II and NRR):

<u>Activity</u>	<u>Due Date</u>
a. Inspection schedule (see attachment)	
b. Review Westinghouse & RII reports	10/2/98
c. Input for status ltr prepared by RII	10/15/98

10. The basis for the above resolution activities is as follows: The ARB reconvened at the request of Region II. Region II provided a briefing on the status of issues surrounding their inspections on ice condensers. Region II asked to readjust the schedules originally agreed to in the July 28, 1998 ARB. The ARB agreed to the schedule changes. Also, discussed were potential wrongdoing issues (See No. 8). It was agreed that Region II and NRR staff would review a Westinghouse and Region II report for further review of wrongdoing.

The ARB agreed that input for a status letter, listing issues currently under review, will be prepared by Region II for NRR's signature. The status letter will be sent to UCS by mid-October. The purpose of this status letter is to inform UCS of the issues under review for this allegation.

Region II provided a very brief update on what the status of a N&T issue they are working on that is related to this allegation.

11. Prepared by: Fiona Tobler
Fiona Tobler, Senior Allegation Coordinator

12/22/98
Date

12. Approved by: Dave Matthews
Dave Matthews, Acting Chairman, NRR ARB

12/29/98
Date

Approved by: _____
Oscar DeMiranda, Senior Allegation
Coordinator, Region II

Date

Approved by: _____
Paul Frederickson, Branch Chief, Region II

Date

See next page for signatures

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