

RAS C-124

MS A document

Davis Besse Conference Call: 10/3/2001

NRR - W. Bateman, S. Sanders, A. Hiser, A. Lee, J. Zimmerman
Region III - Jacobson, Holmberg, Collins
Licensee (See attached included Guy Cambell - Site VP)

NRR Questioned the scope of the April 2000 head examinations. The licensee stated that 100 percent of the head was inspected which included the CRD housing to head interfaces. However, for 5-6 nozzles near the center of the head, boric acid from CRD flange leakage precluded definitive conclusions that the CRD nozzle welds were not leaking. NRR requested the video tapes of the head examinations and a nozzle by nozzle listing of inspection results/conclusions. Licensee to provide this to NRR by October 25th.

Licensee has estimated a crack growth rate based on the Peter/Scott model which predicts that it will take 7.5 years to reach a structurally limiting circumferential flaw size after first detecting leakage around the CRDM housing. This information could be available to the NRC in a few weeks.

NRR stated that if the April 2000 inspection was considered "a qualified" inspection by the staff, that the maximum acceptable operating time based on staff analysis is 18 months. The staff's analysis assumes that a pre-existing circumferential flaw less than 165 degrees in extent grows an additional 165 degrees in 18 months. The staff analysis is based on Oconee data with input from an expert panel review documented by RES. The staff position and analysis will be documented in a NUREG with an indeterminate issue date. The licensee noted that growth rate is dependant on CRD location (residual stress is greater at periphery rod housing welds) and that an unqualified inspection was done at Oconee in the past. However, the licensee intends to review the NRR staff analysis basis in more detail with support from their contractors.

Licensee is pursuing approval through the company board of directors for vessel head replacement in RFO -14 (next outage after RFO-13 scheduled for April 2002).

NRR informed the licensee that they do not intend to let this issue drag out. Based on NRR analysis operation beyond 18 months could result in operation with structurally significant flaws and therefore the staff will continue to pursue regulatory actions.

DOCKETED
USNRC

September 9, 2009 (11:00am)

OFFICE OF SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF

U.S. NRC

In re DAVID GEISEN GEISEN Exhibit # 14
Docket # 1A-05-052

Date Marked for ID: 12/10, 2008 (Tr. p. 1534)

Date Offered in 12/10, 2008 (Tr. p. 1534)

Through Witness/Panel: N/A

Action: ADMITTED REJECTED WITHDRAWN

Date: 12/10, 2008 (Tr. p. 1534)

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