

TELECOPY TO NRC

Aug. 15, 1983

U.S. NRC REGION II  
ATLANTA, GEORGIA

U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW  
Suite 3100  
Atlanta, Georgia 30303

83 AUG 23 A 9:46

BFRO-50-259/83049R2

Reported under Technical Specification 6.7.2.A.(3)

Telecopy Date 8/15/83 Time 1000

Date of Occurrence: 8/15/83 Time of Occurrence: 1430 Unit 1

Technical Specification Involved: 3.6.G

Conditions Prior to Occurrence

Unit 1 in refueling outage  
Unit 2 at 3139 MWt  
Unit 3 at 3081 MWt

Identification and Description of Occurrence

Weld DCS-1-7 (core spray) has an intermittent indication on the pipe side of the weld that is 360-degrees in length and approximately 41% through wall depth. This is a 12-inch, 304 stainless steel, schedule 80 pipe. The cracking is between the manual isolation valve and the testable check valve (inboard containment isolation valve).

Weld DSRWC-1-3 (reactor water cleanup) has two indications that are approximately 5" long between 11:30 and 2:30 and 1-1/2" long between 8:30 and 9:30 with a through-wall depth of greater than 80%. This is a 6-inch, 304 stainless steel, schedule 304 pipe. The cracking is between the inboard and outboard containment isolation valves.

Weld DCS-1-8 (core spray) has two indications that are approximately 9" long between 12:30 and 3:30 and 3" long between 9:30 and 10:30 with a through-wall depth of approximately 30%. This is a 12-inch, 304 stainless steel, schedule 80 pipe. The cracking is on the reactor vessel side of the pipe-to-valve weld on valve HCV-75-27 (manual isolation valve).

Weld DSRWC-1-2 (reactor water cleanup) has a indication that is approximately 3" long between 12:00 and 1:00 with a through-wall depth of greater than 50%. This is a 6-inch, 304 stainless steel, schedule 80 pipe. The cracking is between the inboard and outboard containment isolation valves.

Update Item

To date the attached are our inspection results.

*J. A. Coffey*  
J. A. Coffey  
Acting Power Plant Superintendent  
Browns Ferry Nuclear Plant

OFFICIAL COPY

IE2211

8308260180 830815  
PDR ADOCK 05000259  
PDR  
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ATTACHMENT - BFRO 50-259/83049R1

	<u>Total Inspection Required</u>	<u>Inspection Complete</u>	<u>Inspection Satisfactory</u>	<u>Welds with Cracks</u>	<u>Under Evaluation</u>
Core Spray	27	20	18	2	0
RWCU	5	2	0	2	0
RHR (Head Spray)	21	15	15	0	0

SATISFACTORY

Core Spray	DCS 1-6, 9, 14, 15, 18, 16, 17, 5 DSCS 1-4, 5, 6, 8, 9, 10, 11, 12, 13, 3
RHR (Head Spray)	DHS 1-2, 3 DSHS 1-1A, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

UNDER EVALUATION

Core Spray	None
RWCU	NoneC 1-2
RHR (Head Spray)	None

This is an update of the event first reported previously on 8/11/83, and includes all the results through 1430 on 8/14/83. This information was provided verbally to Dave Verelli on 8/13 and 14.