



Commonwealth Edison
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December 13, 1983

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Dresden Station Unit 3
Quad Cities Station Unit 2
Preliminary Weld Inspection Results
NRC Docket Nos. 50-249 and 50-254

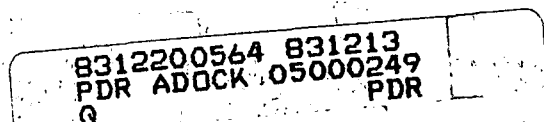
- References (a): IGSCC Inspection Order Confirming
Shutdown for Dresden Station Unit 3
dated August 26, 1983.
- (b): IGSCC Inspection Order Confirming
Shutdown for Quad Cities Station
Unit 2 dated August 26, 1983.
- (c): B. Rybak letter to H. R. Denton
dated December 9, 1983.

Dear Mr. Denton:

Ultrasonic inspections of the stainless steel piping covered by the referenced Orders are still underway. With this letter we wish to formally identify the weld inspection status for both Dresden Unit 3 and Quad Cities Unit 2.

At Quad Cities Unit 2, 237 welds have been inspected with some 14 welds remaining to be inspected. 19 of these welds have been identified as having flaws. NUTECH's analysis is complete on 12 of the 19 welds; the remaining 7 welds are still under evaluation. Our disposition of the repair remedy for those welds is summarized on Table 1. We expect to complete both the inspection and any subsequent flaw analysis for all the welds by December 19, 1983.

At Dresden Unit 3, 133 welds have been examined with some 156 remaining to be examined. 29 of the examined welds have been identified as having flaws. NUTECH's analysis is complete on 15 of the 29 welds; 14 are currently being analyzed. Our disposition of those welds is summarized in Table 2.



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A meeting has been scheduled with your staff on December 20, 1983, to discuss our inspection results and repair decisions and to answer any questions raised by the staff. At this time we will present updated Tables for both Units.

If you have any questions regarding this matter, please contact this office.

One signed original and sixty (60) copies of this transmittal is provided for your use.

Very truly yours,



B. Rybak

Nuclear Licensing Administrator

lm

cc: R: Gilbert (NRR)
R: Bevan (NRR)
NRC Resident Inspector - Dresden
NRC Resident Inspector - Quad Cities
J. G. Keppler - (NRC Region III)
Director, Office of Inspection and
Enforcement

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Table 1

QUAD CITIES 2 FLAW INDICATION DISPOSITION SUMMARY - RECIRCULATION SYSTEM

<u>WELD NO.</u>	<u>FLAW ORIENTATION</u>	<u>DESCRIPTION</u>			<u>REMEDY</u>
		<u>LENGTH</u>	<u>WALL</u>	<u>LOCATION</u>	
02D-F6	CIRC	8"	77%	PIPE SIDE	OVERLAY
02BS-S3	CIRC INTERMITTENT	12"	40%	ELBOW SIDE	OVERLAY
02BD-S6	CIRC AXIAL - LONGEST OF 7 (NOT NEAR SEAM)	12" 1 1/4"	30% 64%	ELBOW SIDE ELBOW SIDE	OVERLAY
02G-S3	CIRC	2 1/4"	32%	PIPE SIDE	OVERLAY
02J-F6	CIRC	15"	14%	PIPE SIDE	IHSI
02M-S3	CIRC CIRC	1" 1 1/2"	13% 30%	PIPE SIDE ELBOW SIDE	IHSI
02M-S4	CIRC	1/2"	9%	ELBOW SIDE	IHSI
02F-F6	CIRC	360°	14%	PIPE SIDE (UPSTREAM)	IHSI
02BS-F7	CIRC	360°	16%	PIPE SIDE	IHSI
02AS-S6	CIRC	7"	21%	PIPE SIDE (UPSTREAM)	IHSI
02B-S9	CIRC	17"	15%	CAP SIDE	IHSI
02D-S3	CIRC	1/2"	25%	PIPE SIDE	IHSI

Table 2

DRESDEN 3 FLAW INDICATION DISPOSITION SUMMARY - RECIRCULATION SYSTEM

WELD NO.	FLAW ORIENTATION	DESCRIPTION			REMEDY
		LENGTH	WALL	LOCATION	
1D-12-3	CIRC	1.75"	30%	PIPE SIDE	OVERLAY
	CIRC	5"	23%	PIPE SIDE	
	AXIAL	3/16"	28%	PIPE SIDE	
1D-12-2	CIRC	16"	11%	PIPE SIDE	OVERLAY
	AXIAL	3/4"	15%	PIPE SIDE	
	AXIAL	1"	26%	PIPE SIDE	
8-K46	CIRC	4 1/2"	32%	ELBOW SIDE	OVERLAY
	AXIAL	1/4"	41%	PIPE SIDE	
	AXIAL	1/4"	26%	PIPE SIDE	
28-1 (B LOOP)	AXIAL	1/2"	35%	ELBOW SIDE	OVERLAY
	AXIAL	1/4"	34%	ELBOW SIDE	
22B-1	CIRC	8"	36%	CAP SIDE	OVERLAY
	CIRC	29"	36%	CAP SIDE	
22A-1	CIRC	5"	30%	CAP SIDE	OVERLAY
	CIRC	7"	15%	CAP SIDE	
1J-K3	AXIAL	.47"	14%	PIPE SIDE	OVERLAY
	AXIAL	.34"	25%	PIPE SIDE	
	AXIAL	.30"	23%	PIPE SIDE	
	AXIAL	.30"	13%	PIPE SIDE	
	CIRC	9"	100%	ELBOW SIDE	
1L-12-K2	AXIAL	1 3/8"	100%	BOTH SIDES	OVERLAY
28-K2	CIRC	1 1/8"	46%	ELBOW SIDE	OVERLAY
	CIRC	2 3/4"	24%	PIPE SIDE	
	AXIAL	3/4"	26%	PIPE SIDE	
	AXIAL	3/4"	32%	PIPE SIDE	
	AXIAL	SPOT	38%	PIPE SIDE	
	AXIAL	SPOT	20%	PIPE SIDE	

Table 2
(Concluded)

DRESDEN 3 FLAW INDICATION DISPOSITION SUMMARY - RECIRCULATION SYSTEM

<u>WELD NO.</u>	<u>FLAW ORIENTATION</u>	<u>DESCRIPTION</u>			<u>REMEDY</u>
		<u>LENGTH</u>	<u>WALL</u>	<u>LOCATION</u>	
28-1 (A LOOP)	CIRC	360°	29%	PIPE SIDE	OVERLAY
1H12-K3	AXIAL	1"	26%	ELBOW SIDE	OVERLAY
	AXIAL	7/10"	44%	PIPE SIDE	
28-K3	CIRC	7/8"	53%	PIPE SIDE	OVERLAY
	CIRC	3/8"	20%	ELBOW SIDE	
	CIRC	1 1/4"	12%	ELBOW SIDE	
1G-12-2	AXIAL	5/8"	32%	PIPE SIDE	OVERLAY
	AXIAL	1/2"	27%	PIPE SIDE	
	AXIAL	5/8"	31%	PIPE SIDE	