

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

08

Technical Specifications 3.4.5, 6.9.1.9b

17 LER/RO
REPORT
NUMBER

27

31

NO.
32

ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS				ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER			
X	(18)	Z	(19)	Z	(20)	Z	(21)	0	0	0	0	Y	(23)	Y	(24)	N	(25)	G	0	8	0
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS. (27)

1 0 | This event resulted from an increase in coolant fission product inventory originating
1 1 | from leaking fuel elements. The iodine activity returned to within specifications
1 2 | by utilizing the RWCU System and increasing reactor power. The Unit No. 2 fuel
1 3 | bundles will be sipped during the next refueling outage and the leaking bundles will
1 4 | be removed from the core.

8 9 FACILITY STATUS 28 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 OTHER STATUS 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 METHOD OF DISCOVERY 51 52 53 54 55 56 57 58 59 60 DISCOVERY DESCRIPTION 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1 5 G 0 0 0 NA A Coolant Analysis

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 Z 33 Z 34 NA

AMOUNT OF ACTIVITY (35)

LOCATION OF RELEASE (36)

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37) Z (38) NA				

PERSONNEL INJURIES										
NUMBER			DESCRIPTION							
1	8	0	0	0	40	NA				
7	8	9	11	12						80

1		9		Z		A2		NA	
7		8		9		10		80	

20		N		44		PUBLICITY ISSUED DESCRIPTION		45		NA		NRC USE ONLY									
----	--	---	--	----	--	---------------------------------	--	----	--	----	--	--------------	--	--	--	--	--	--	--	--	--

NRC USE ONLY

8204280385 M. J. Pastva 919-457-9521
NAME OF PREPARER PHONE

UNIT NO. 2 OFF-GAS ANALYSIS

OFF-GAS LEVELS MEASURED AT THE STEAM JET AIR EJECTORS (SJAE)

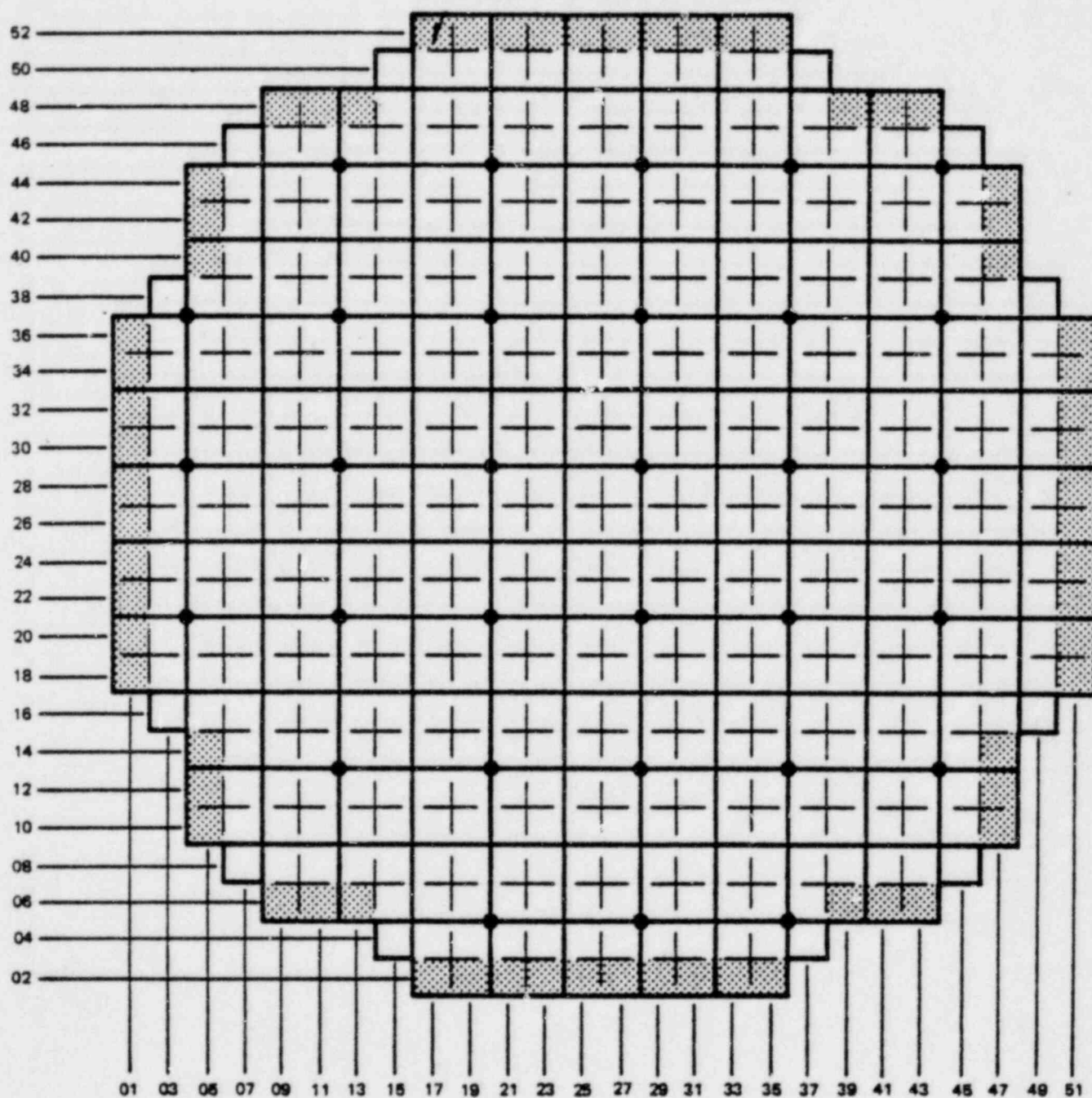
BEFORE EVENT

<u>DATE</u>	<u>POWER</u>	<u>SJAE μCi/sec</u>
February 3, 1982	73.8%	32662
March 10, 1982	83.7%	52854

AFTER EVENT

<u>DATE</u>	<u>POWER</u>	<u>SJAE μCi/sec</u>
March 16, 1982	81.7%	57315

DATE	TIME	% Power	Note: Iodine analysis reporting units $\mu\text{Ci/ml}$						Flows IN GPM		
			I-131	I-132	I-133	I-134	I-135	I-131 Dose Equivalent	Actual F/O	F/O Flow	Hotwell reject Flow
3-12-82	0905	83%	2.333E-3	4.657E-2	2.645E-2	1.460E-1	5.520E-2	1.589E-2	NIS	NIS	120
3-12-82	2337	48%	1.824E-3	5.358E-2	2.439E-2	1.323E-1	4.536E-2	1.423E-2	NIS	NIS	NIS
3-13-82	1900	57% ↓ 8%	RA	SCRAP							
3-13-82	1930	φ	3.213E-2	6.24E-2	6.954E-2	2.829E-1	4.640E-2	5.748E-2	NIS	NIS	115
3-13-82	2100	φ	3.570E-2	6.615E-2	< MDA	5.776E-2	3.947E-2	4.127E-2	NIS	NIS	115
3-14-82	0025	φ	2.481E-2	5.065E-2	6.439E-2	3.139E-2	1.919E-2	4.605E-2	NIS	NIS	140
3-14-82	0445	φ	4.472E-2	5.987E-2	3.301E-2	< MDA	1.434E-2	5.716E-2	NIS	NIS	115
3-14-82	0845	φ	1.231E-1	6.935E-2	7.388E-2	< MDA	1.466E-2	1.423E-1	NIS	NIS	100
3-14-82	1230	φ	1.072E-1	5.533E-2	4.743E-2	< MDA	< MDA	1.223E-1	NIS	NIS	110
3-14-82	1328 1345	R _x	CRITICAL								



Representation of 560-Bundle Core

DATE: 3/4/82

PRESENT R-Z EXPOSURE DISTRIBUTION

RNG	1	2	3	4	5	6	7	AVE
LVL								
12	9740.	7890.	7238.	6312.	6659.	5331.	5811.	6277.
11	15726.	12920.	12122.	11699.	11309.	9195.	10201.	10732.
10	19694.	16339.	15292.	14861.	14463.	11884.	13263.	13777.
9	20707.	17397.	15913.	15720.	15391.	12693.	14440.	14717.
8	21467.	18242.	16487.	16442.	16218.	13512.	15482.	15566.
7	21679.	18642.	16573.	16686.	16417.	13772.	15927.	15855.
6	22266.	19455.	17269.	17426.	17133.	14559.	16835.	16648.
5	22349.	19750.	17437.	17602.	17237.	14938.	17271.	16938.
4	22311.	19980.	17672.	17911.	17842.	15582.	17821.	17436.
3	21861.	19658.	17619.	17949.	18239.	16058.	17987.	17551.
2	19965.	17202.	15454.	15866.	16455.	14555.	16047.	15779.
1	13636.	10229.	8947.	9345.	9854.	8616.	7774.	9428.
AVE	19283.	16475.	14835.	14367.	14768.	12558.	14238.	14234.

DATE: 3/22/82

PRESENT R-Z EXPOSURE DISTRIBUTION

RNG	1	2	3	4	5	6	7	AVE
LVL								
12	9943.	8055.	7399.	7063.	6810.	5471.	5896.	6409.
11	15971.	13149.	12362.	11889.	11541.	9413.	10336.	10933.
10	19948.	16601.	15578.	15139.	14743.	12145.	13423.	14018.
9	20948.	17656.	16202.	16002.	15675.	12953.	14604.	14960.
8	21700.	18504.	16784.	16729.	16508.	13782.	15652.	15815.
7	21915.	18905.	16872.	16971.	16706.	14047.	16098.	16106.
6	22493.	19718.	17572.	17714.	17429.	14835.	17008.	16902.
5	22573.	20006.	17734.	17884.	17529.	15207.	17437.	17185.
4	22522.	20224.	17961.	18185.	18137.	15854.	17979.	17680.
3	22059.	19878.	17880.	18204.	18529.	16326.	18136.	17883.
2	20133.	17384.	15648.	16107.	16711.	14790.	16179.	15979.
1	13735.	10327.	9050.	9472.	9995.	8737.	9851.	9538.
AVE	19495.	16701.	15087.	15113.	15026.	12797.	14383.	14451.