

UNIT NO. 2 OFF-GAS ANALYSIS

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

BEFORE EVENT

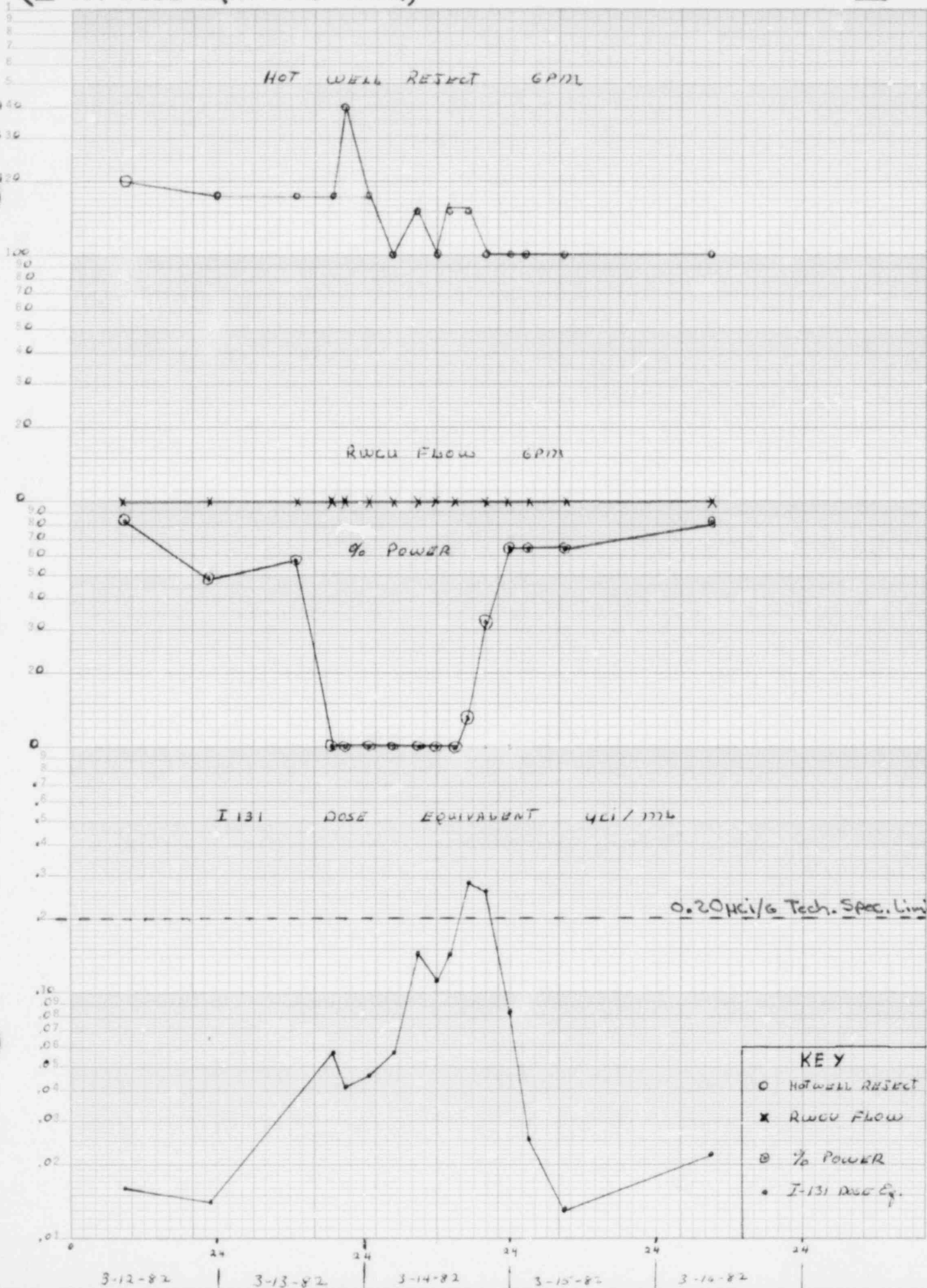
<u>DATE</u>	<u>POWER</u>	<u>SJAE μCi/sec</u>
February 3, 1982	73.8%	32662
March 10, 1982	83.7%	52854

AFTER EVENT

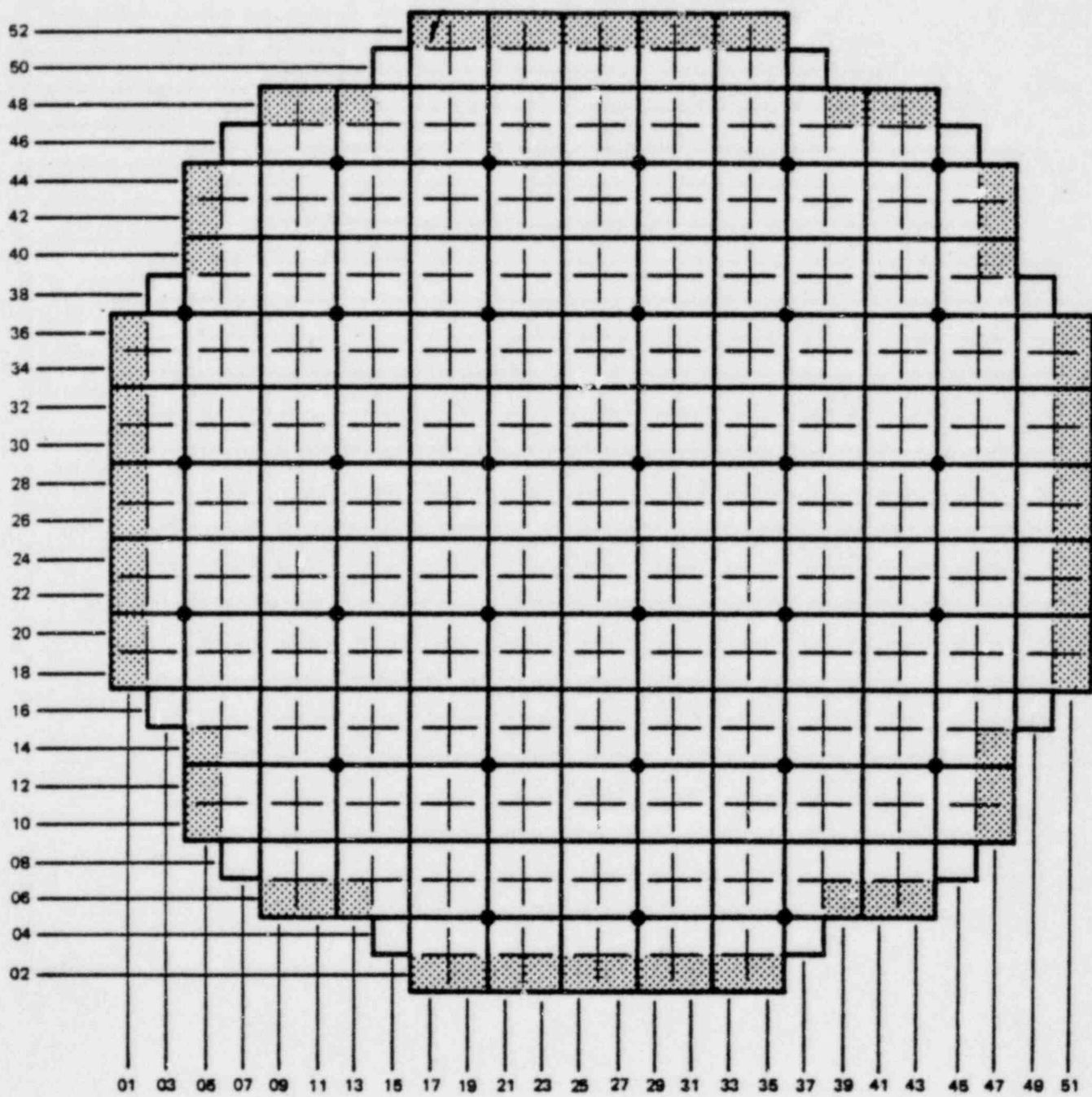
<u>DATE</u>	<u>POWER</u>	<u>SJAE μCi/sec</u>
March 16, 1982	81.7%	57315

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	
3-14-82	1345	ϕ	1.283E-1	5.618E-2	5.856E-2	< MDA	6.195E-3	1.470E-1	NIS	NIS	102	
3-14-82	1645	6%	2.493E-2	6.917E-2	9.940E-2	3.867E-3	8.261E-3	2.800E-1	NIS	NIS	110	
3-14-82	2015	34%	2.338E-1	6.947E-2	7.750E-2	3.785E-2	1.652E-2	2.590E-1	NIS	NIS	110	
3-14-82	2345	65%	7.272E-2	3.908E-2	3.255E-2	1.207E-1	2.550E-2	8.524E-2	NIS	NIS	102	
3-15-82	0245	64%	1.637E-2	3.409E-2	2.015E-2	1.142E-1	2.745E-2	2.543E-2	NIS	NIS	100	
3-15-82	0935	64%	3.279E-3	3.944E-2	1.809E-2	< MDA	4.038E-2	1.303E-2	NIS	NIS	100	
3-16-82	0845	82%	2.244E-3	4.429E-2	5.20E-2	1.754E-1	5.424E-2	2.273E-2	NIS	NIS	100	

K&E SEMI-LOGARITHMIC
 46 6210
 5 CYCLES X 7.5 DIVISIONS
 MADE IN U.S.A.
 KEUFFEL & ESSER CO.



KEY	
○	HOTWELL REJECT
×	RWCU FLOW
⊙	% POWER
•	I-131 DOSE Eq.



Core Rings

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.	6912.	6659.	5331.	5911.	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.	15886.	16455.	14555.	16047.	15779.
1	13636.	10229.	8947.	9345.	9854.	8616.	774.	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.