LICENSEE EVENT REPORT

	CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)
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O 1	SOURCE L 6 0 5 0 0 0 3 1 6 7 0 8 0 1 8 2 8 0 8 2 6 8 2 9 EVENT DATE 74 75 REPORT DATE 80
0 2	FOLLOWING UNIT SHUTDOWN, THE REACTOR COOLANT SYSTEM (RCS) DOSE EQUIVALENT (DOSEQ)
0 3	IODINE-131 CONCENTRATION EXCEEDED THE 1.0 µCi/GRAM STEADY STATE LIMIT OF TECHNICAL SPEC+
0 4	IFICATION 3.4.8. THE IODINE LEVELS REMAINED IN EXCESS OF TECHNICAL SPECIFICATION LIM-
0 5	ITS UNTIL 0400 HOURS ON AUGUST 2, 1982. THE PUBLIC HEALTH AND SAFETY WERE NOT AFFECTED.
06	PREVIOUS OCCURRENCES OF A SIMILAR NATURE INCLUDE: 50-315/76-059, 78-026; 50-316/81-049;
0 7	[82-004, 013, 018.
0 8	
0 7 9	SYSTEM CAUSE CODE SUBCODE COMPONENT CODE SUBCODE SUBCO
10	LERIRO EVENT YEAR REPORT NO. REPORT NUMBER 8 2 22 23 24 26 27 28 29 30 31 32 ACTION FUTURE ON PLANT SHUTDOWN METHOD HOURS 22 ATTACHMENT FORM SUB, SUPPLIER SUPPLIER MANUFACTURER 25 7 9 9 9 26 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27 27 27 27 28 29 30 30 31 32 ON AUGUST 1, 1982, FOLLOWING A CONTROLLED UNIT SHUTDOWN. THE RCS DOSEO-I-131 SPIKED
111	TO 2.85 UCI/GRAM. PRIOR TO THE SHUTDOWN, THE RCS DOSEQ-I-131 WAS AVERAGING 8.5 x 10
1 2	-2 μCi/GRAM. (SEE ATTACHED SUPPLEMENT).
13	
7 8	
1 5 5 7 8 5	ACILITY SPOWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32 B 31 ROUTINE CHEMICAL ANALYSIS
1 6	LEASED OF RELEASE AMOUNT OF ACTIVITY 35 NA LOCATION OF RELEASE 36
1 7 8	NUMBER TYPE DESCRIPTION (39) NA 11 12 13
1 2 8 9	NUMBER DESCRIPTION (41) 0 10 10 10 NA
1 9 1	OSS OF OR DAMAGE TO FACILITY 43 Z (42) NA
8 9	8209030212 820826 PDR ADOCK 05000316 SUED DESCRIPTION 45 N 44 NA N
8 9	Charles were an annual control of the control of th

ATTACHMENT TO LER# 82-067/03L-0

SUPPLEMENT TO CAUSE DESCRIPTION

THIS REPORT IS SUBMITTED PERSUANT TO THE REQUIREMENTS OF APPENDIX A TECHNICAL SPECIFICATIONS 3.4.8 AND 6.9.1. ON AUGUST 1, 1982, THE DOSE EQUIVALENT IODINE-131 ACTIVITY IN THE UNIT 2 REACTOR COOLANT SYSTEM WAS FOUND OUT OF SPECIFICATION.

AT 0315 HOURS ON JULY 31, 1982, THE UNIT STARTED A CONTROLLED SHUTDOWN, WITH THE REACTOR GOING SUBCRITICAL AT 0211 HOURS ON AUGUST 1, 1982. LABORATORY ANALYSIS AT 0230 HOURS ON AUGUST 1, 1982, INDICATED THE REACTOR COOLANT DOSE EQUIVALENT IODINE-131 CONCENTRATION HAD EXCEEDED THE TECHNICAL SPECIFICATION LIMITS OF 1.0 µCi/gram. *THE DOSE EQUIVALENT IODINE-131 ACTIVITY SPIKED TO A MAXIMUM OF 2.85 µCi/gram AT 0415 HOURS ON AUGUST 1, 1982. THE REACTOR COOLANT SYSTEM DOSE EQUIVALENT IODINE REMAINED ABOVE TECHNICAL SPECIFICATION LIMITS UNTIL 0400 HOURS ON AUGUST 2, 1982, ALL SUBSEQUENT DOSE EQUIVALENT IODINE ANALYSIS INDICATED DECREASING LEVELS OF IODINE. FOLLOWING THE SHUTDOWN, THE UNIT WAS COOLED DOWN TO MODE 5 AND DEGASSED. IODINE RELEASE AT THIS TIME PERIOD IS CONSISTENT WITH DATA REPORTED IN WESTINGHOUSE ELECTRIC CORPORATION WCAP-8637, "IODINE BEHAVIOR UNDER TRANSIENT CONDITIONS IN THE PRESSURIZED WATER REACTOR". DOSE EQUIVALENT IODINE-131 VALUES WERE IN THE "ACCEPTABLE" OPERATION" PORTION OF TECHNICAL SPECIFICATION FIGURE 3.4-1 AT ALL TIMES DURING THE TRANSIENT. ALL APPLICABLE TECHNICAL SPECIFICATION ACTION ITEMS WERE MET DURING THIS TIME.

FUEL BURNUP BY THE REGION AND ALL ADDITIONAL DATA, AS REQUIRED BY TECHNICAL SPECIFICATION 3.4.8, IS FOUND IN THE ATTACHMENTS.

*COOLANT SAMPLES ARE BROUGHT TO AMBIENT CONDITIONS PRIOR TO COUNTING;
THEREFORE, UNITS OF µCi/gram AND µCi/cc ARE CONSIDERED INTERCHANGEABLE.

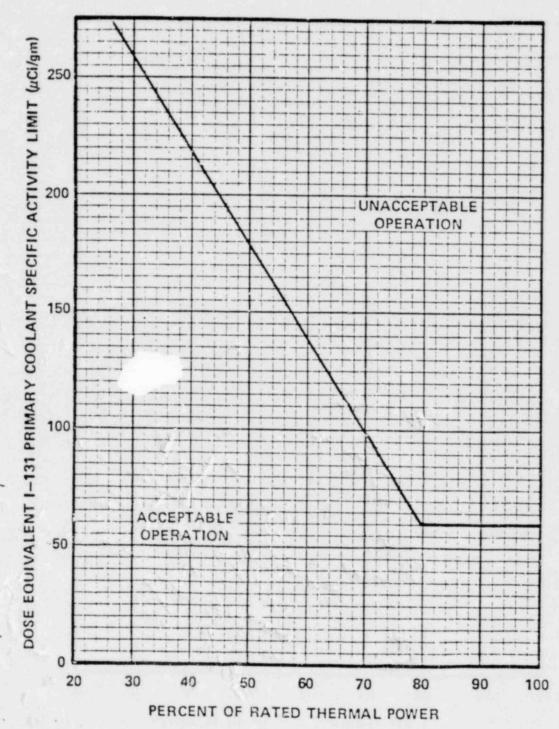


FIGURE 3.4-1

DOSE EQUIVALENT I—131 Primary Coolant Specific Activity Limit Versus Percent of RATED THERMAL POWER with the Primary Coolant Specific Activity > 1.0 µCi/gram Dose Equivalent I-131

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