

LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01	P	A	T	M	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4	5
LICENSEE CODE					LICENSE NUMBER										LICENSE TYPE					CAT 58					

CON'T

01	X	6	0	5	0	0	0	2	8	9	7	0	7	2	3	7	9	8	0	8	0	9	7	9	9
REPORT SOURCE		DOCKET NUMBER										EVENT DATE					REPORT DATE								

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02	Met-Ed was informed by our NSSS (Babcock & Wilcox) that a possible unconservative																						
03	assumption was discovered in the accident analysis for small break LOCA's. This																						
04	analysis revealed that if the reactor coolant pumps were tripped after 2 minutes																						
05	following a small break LOCA with actuation of high pressure injection, the																						
06	possibility of uncovering the core exists. This could result in fuel clear																						
07	temperatures exceeding the 10CFR50 Appendix K criteria. This event is reportable																						
08	per T.S. 6.9.2.A(8).																						

09	Z	Z	11	X	12	Z	13	Z	Z	Z	Z	Z	Z	14	Z	15	Z	16
SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE								COMP. SUBCODE		VALVE SUBCODE		
17		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.								
79		79		015		01		T		0								
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRO-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER		
Z		Z		Z		Z		0000		Y		N		Z		Z999		

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10	A study of the small break analysis for break sizes from 0.2 to 0.025 square feet																						
11	during which reactor coolant pumps were tripped after 2 minutes has shown that																						
12	core uncover may result.																						
13																							
14																							

15	G	28	0	0	0	29	NA	30	D	31	Notification from Babcock & Wilcox											
FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION														
15		000		NA		D		Notification from Babcock & Wilcox														
ACTIVITY CONTENT		RELEASED OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE																
16		Z		NA		NA																
PERSONNEL EXPOSURES		NUMBER		TYPE		DESCRIPTION																
17		000		Z		NA																
PERSONNEL INJURIES		NUMBER		DESCRIPTION																		
18		000		NA																		
LOSS OF OR DAMAGE TO FACILITY		TYPE		DESCRIPTION																		
19		Z		NA																		
PUBLICITY		ISSUED		DESCRIPTION																		
20		N		NA																		

NAME OF PREPARER D. G. Mitchell

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7908170730

LER 79-015/01T-0

Metropolitan Edison Company was informed on July 23, 1979, by our NSS supplier, Babcock & Wilcox, that a possible unconservative assumption was discovered in the accident analysis for small break LOCA's, with accuation of high pressure injection. Specifically a study of break sizes from 0.2ft^2 to 0.025ft^2 during which the reactor coolant pumps were tripped after two minutes has shown that core uncover may result. This is due to the high loss of inventory that occurs early in the accident while the reactor coolant pumps are running. B&W stated that if the R.C. pumps remain on throughout the transient, or if pumps are secured prior to two minutes into the transient, the results are satisfactory. Further evaluation to determine appropriate corrective actions will be performed and Met-Ed will inform the NRC of the results.