NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK: | | | | | | | (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

| 0 1 | N Y J A F 1 (2) LICENSEE CODE | 0 0 - 0 0 0 0 0 - 0 0 0 (3) LICENSE NUMBER | 4 1 1 1 1 (4) LICENSE TYPE | (5) CAT |

CON'T 0 1 REPORT SOURCE L (6) DOCKET NUMBER 0 5 0 0 0 3 3 3 (7) EVENT DATE 0 8 3 0 8 3 (8) REPORT DATE 0 9 0 7 8 3 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 The Power Authority was informed by it's Architect Engineer that the
0 3 Emergency Diesels may not remain operable if the diesel exhaust systems
0 4 were subjected to tornado wind loads. (T.S. Paragraph 3.9.B.1). This
0 5 event did not have any effect on public health and safety. (See att-
0 6 ached)
0 7
0 8

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
0 9	E E (11)	B (12)	A (13)	E N G I N E (14)	X (15)	2 (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 3	—	0 3 0	/	0 3	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
F (18)	Z (19)	Z (20)	Z (21)	0 0 0 0	Y (23)	N (24)	A (25)	8 4 8 5 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The Power Authority modified the exhaust system rather than do a costly
1 1 study to determine if the instruments would remain operable (See att-
1 2 ached)
1 3
1 4

	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
1 5	H (28)	0 0 0 (29)	N/A	D (31)	NOTIFICATION BY ARCHITECT ENGINEER

	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
1 6	Z (33)	Z (34)	NA	NA

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION (39)
1 7	0 0 0 (37)	Z (38)	NA

PERSONNEL INJURIES

	NUMBER	DESCRIPTION (41)
1 8	0 0 0 (40)	NA

LOSS OF OR DAMAGE TO FACILITY (43)

	TYPE	DESCRIPTION
1 9	Z (42)	NA

IE22

PUBLICITY

	ISSUED	DESCRIPTION (45)	NRC USE ONLY
2 0	N (44)	NA	

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PDR ADOCK 05000333
S PDR

NAME OF PREPARER R. J. Converse PHONE: (315)342-3840

GPO 917-926

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New York Power Authority

Corbin McNeill
Resident Manager

September 7, 1983
JAFP 83-0929

Dr. Thomas E. Murley
Regional Administrator
United States Nuclear Regulatory Commission
Region 1
631 Park Avenue
King of Prussia, PA 19406

REFERENCE: DOCKET NO. 50-333 Licensee Event Report: 83-030/03L-0

Dear Dr. Murley:

We have enclosed the referenced Licensee Event Report in accordance with Section 6.0 of Technical Specifications and USNRC Regulatory Guide 1.16.

If there are any questions concerning this report, please contact Mr. R. J. Converse at (315) 342-3840, Extension 202.

Very truly yours,

CORBIN A. McNEILL, JR.

CAM:RJC:fah
Enclosure
CC: USNRC Document Control Desk (1)
INPO Records Center, Atlanta, Georgia (1)
Internal Power Authority Distribution
NRC Resident Inspector
Document Control Center
LER/OR File

IE22

The Power Authority has identified a potential deficiency in the design of the diesel generator exhaust piping. As designed and installed, a portion of the exhaust piping and the muffler are mounted on the roof of the diesel generator building. This piping was not designed to withstand tornadoes or other extreme atmospheric conditions. If the piping were subjected to such a condition, it could be damaged and result in the discharge of diesel gases directly into the diesel building. The exhaust gases might result in degradation of the diesel generator instrumentation and controls located in the building.

The existance of an actual design deficiency can only be determined by a detailed and expensive environmental equipment qualification analysis. For economic reasons, in lieu of performing this analysis, the Authority has modified the exhaust piping. The piping was modified to preclude failure due to tornado wind load conditions. This modification was completed during the 1983 refueling outage and permanently resolves the potential design deficiency.