

James A. FitzPatrick
Nuclear Power Plant
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315-342-3840



Michael J. Colomb
Site Executive Officer

May 15, 2000
JAFP-00-0113

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station P1-137
Washington, D.C. 20555

Subject: **Docket No. 50-333**
LICENSEE EVENT REPORT: LER-00-005 (DER-00-01379)

**One of Two 115KV Reserve Power Lines Inoperable Concurrent With One
Emergency Diesel Generator Train Inoperable**

Dear Sir:

This report is submitted in accordance with 10 CFR 50.73(a)(2)(i)(B), "any operation or condition prohibited by the plant's Technical Specifications."

There are no commitments contained in this report.

Questions concerning this report may be addressed to Mr. John Hoddy at (315) 349-6538.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Michael J. Colomb'.

MICHAEL J. COLOMB

MJC:JRH:las
Enclosure

cc: USNRC, Region 1
USNRC, Project Directorate
USNRC Resident Inspector
INPO Records Center

JE22

Estimated burden per response to comply with this mandatory information collection request: 50 hrs. Reported lessons learned are incorporated into the licensing process and fed back to industry. Forward comments regarding burden estimate to the Records Management Branch (T-6 F33), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, and to the Paperwork Reduction Project (3150-0104), Office of Management and Budget, Washington, DC 20503. If an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

FACILITY NAME (1) James A. FitzPatrick Nuclear Power Plant		DOCKET NUMBER (2) 05000333	PAGE (3) 1 OF 3
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TITLE (4)
One of Two 115KV Reserve Power Lines Inoperable Concurrent With One Emergency Diesel Generator Train Inoperable

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
04	13	2000	00	005	00	05	15	2000	Nine Mile Point Unit 1 Nuclear	05000220
									FACILITY NAME	DOCKET NUMBER
									N/A	05000

OPERATING MODE (9) N	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)									
POWER LEVEL (10) 096	<input type="checkbox"/>	20.2201(b)	<input type="checkbox"/>	20.2203(a)(2)(v)	<input checked="" type="checkbox"/>	50.73(a)(2)(i)	<input type="checkbox"/>	50.73(a)(2)(viii)		
	<input type="checkbox"/>	20.2203(a)(1)	<input type="checkbox"/>	20.2203(a)(3)(i)	<input type="checkbox"/>	50.73(a)(2)(ii)	<input type="checkbox"/>	50.73(a)(2)(x)		
	<input type="checkbox"/>	20.2203(a)(2)(i)	<input type="checkbox"/>	20.2203(a)(3)(ii)	<input type="checkbox"/>	50.73(a)(2)(iii)	<input type="checkbox"/>	73.71		
	<input type="checkbox"/>	20.2203(a)(2)(ii)	<input type="checkbox"/>	20.2203(a)(4)	<input type="checkbox"/>	50.73(a)(2)(iv)	<input type="checkbox"/>	OTHER		
	<input type="checkbox"/>	20.2203(a)(2)(iii)	<input type="checkbox"/>	50.36(c)(1)	<input type="checkbox"/>	50.73(a)(2)(v)	<input type="checkbox"/>	Specify in Abstract below or in NRC Form 366A		
<input type="checkbox"/>	20.2203(a)(2)(iv)	<input type="checkbox"/>	50.36(c)(2)	<input type="checkbox"/>	50.73(a)(2)(vii)	<input type="checkbox"/>				

LICENSEE CONTACT FOR THIS LER (12)	
NAME Mr. John Hoddy, Sr. Licensing Engineer	TELEPHONE NUMBER (Include Area Code) 315-349-6538

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX

SUPPLEMENTAL REPORT EXPECTED (14)				EXPECTED SUBMISSION DATE (15)		
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE).	<input checked="" type="checkbox"/> NO	MONTH	DAY	YEAR		

ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

On April 13, 2000 at 08:25 hours, with Emergency Diesel Generator (EDG) System train "B" inoperable due to scheduled maintenance on the "B" train of the Emergency Service Water (ESW) System, a Niagara Mohawk Power Corporation (NMPC) worker inadvertently opened an offsite 115KV breaker which resulted in rendering inoperable one of two auxiliary 115KV supply lines to FitzPatrick. The concurrent condition of one train of the EDG System inoperable, and one incoming 115KV emergency AC supply power line inoperable meets the provisions of Technical Specifications (T.S.) section 3.0.C, requiring that the plant be placed in COLD SHUTDOWN within the following 24 hours. The error was promptly identified by NMPC, the breaker closed, and power restored to the reserve line within 4 minutes. At the time of the event, FitzPatrick was operating at approximately 96 percent rated power with the mode switch in the RUN position.

The cause for the event was insufficient knowledge of the requirements for manipulation of the breaker by an NMPC worker, as identified by NMPC.

Corrective actions included prompt restoration of power to the 115KV line and counselling of the worker involved. Both actions were completed by NMPC. No specific corrective actions were taken by the Authority.

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TEXT (If more space is required, use additional copies of NRC Form 366A) (17)

EIIS Codes in []

EVENT DESCRIPTION

On April 13, 2000 at 08:25 hours, with the Emergency Diesel Generator (EDG) System [WK] train "B" inoperable due to scheduled maintenance on the "B" train of the Emergency Service Water (ESW) System [BI], an auxiliary offsite 115KV AC supply [EK] line feeding both Nine Mile Point Unit 1 (NMP-1) and FitzPatrick was rendered inoperable. This was not a scheduled/planned work evolution. FitzPatrick was not immediately aware of the inoperable condition, and therefore, the required Technical Specifications (T.S.) Limiting Conditions for Operation (LCO) was not taken. The concurrent condition of one train of the EDG System inoperable and one of two incoming 115KV emergency AC supply power lines inoperable meets the provisions of Technical Specifications section 3.0.C, requiring that the plant be placed in COLD SHUTDOWN within the following 24 hours.

At 08:25 hours, while preparing to conduct maintenance work in a south Oswego switchyard, a NMPC Power Control worker notified NMP-1 Control Room that a breaker, upstream of the auxiliary 115KV supply line that feeds both NMP-1 and FitzPatrick, had been opened. Since the work evolution was not planned for at NMP-1, direction was given to reclose the breaker.

The 115KV line was restored to an operable condition within 4 minutes (April 13, 2000 at 08:29 hours). Fitzpatrick was notified of the event by the NMP-1 Control Room at approximately 08:36 hours the same day.

CAUSE OF EVENT

Based on information supplied by NMPC, the breaker disconnect was due to personnel error. The cause for the event was insufficient knowledge of the requirements for manipulation of the breaker by the Power Control worker.

EXTENT OF CONDITION

A search of previous LERs was performed and found no similar events associated the unplanned loss of an alternate offsite 115KV AC power source.

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TEXT (If more space is required, use additional copies of NRC Form 366A) (17)

ANALYSIS

This report is being submitted in accordance with 10 CFR 50.73(a)(2)(i)(B), "any operation or condition prohibited by the plant's Technical Specifications."

In addition to the two independent, onsite pair of Emergency Diesel Generator units, the plant is also equipped with two independent sources of offsite AC power. These two 115KV transmission lines are both supplied by NMPC, one originating at the Lighthouse Hill hydroelectric Station, the other a line from NMPC's Nine Mile Point Unit 1 Nuclear Plant switchyard.

The safety significance of the loss of one offsite alternate 115KV AC power source with one pair of EDG units inoperable was determined to be low based on the short duration of the event (4 minutes) and the availability of both the "B" ESW System pump and the "B" train of EDG System. Had an Emergency Diesel Generator start signal been received, both the ESW System and the EDG System would have performed their safety functions.

CORRECTIVE ACTIONS

1. The Power Control worker was counseled as part of NMPC's corrective action. There is no corrective action for Fitzpatrick.
2. The conditions of this event have been entered into NMPC's Deviation Event Report (DER) system. The Authority will review the response to this DER for adequacy of corrective actions.
(Scheduled Completion Date - July 01, 2000)

ADDITIONAL INFORMATION

Previous Similar Events: NONE

SAFETY SYSTEM FUNCTIONAL FAILURE

The above described condition does not constitute a Safety System Functional Failure as defined in NEI 99-02.