

May 25, 2001

MEMORANDUM TO: James W. Clifford, Chief, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: Richard B. Ennis, Project Manager, Section 2 */RA/*
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: HOPE CREEK GENERATING STATION, POTENTIAL NOED - 4 kV BUS
OPERABILITY (TAC NO. MB1888)

This memorandum documents the initiation and completion of TAC No. MB1888. This TAC was taken out in anticipation of a Notice of Enforcement Discretion (NOED) request from PSEG Nuclear LLC (the licensee) on May 8, 2001, related to Hope Creek 4kV bus operability. The licensee decided to shut down the plant (as documented in the attached Event Report No. 37972) thus eliminating the need for a NOED.

Docket No. 50-354

Attachment: As stated

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DATE	5/25/01

OFFICIAL RECORD COPY

Power Reactor

Event Number: 37972

FACILITY: HOPE CREEK
UNIT: [1]
RXTYPE: [1] GE-4

REGION: 1
STATE: NJ

NOTIFICATION DATE: 05/08/2001
NOTIFICATION TIME: 12:44[EDT]
EVENT DATE: 05/08/2001
EVENT TIME: 10:04[EDT]
LAST UPDATE DATE: 05/08/2001

NRC NOTIFIED BY: JIM PRIEST
HQ OPS OFFICER: DOUG WEAVER

EMERGENCY CLASS: N/A
10 CFR SECTION:
*SHU 50.72(b)(2)(i) PLANT S/D REQD BY TS

PERSON ORGANIZATION
WILLIAM COOK RI

UNIT	ISCRAM	CODE	IRX	CRITI	INIT	PWRI	INIT	RX	MODE	ICURR	PWRI	CURR	RX	MODE
1	N		Y		100			Power	Operation	100		Power	Operation	

EVENT TEXT

TECH SPEC REQUIRED SHUTDOWN

On 5/8/01, at approximately 1004, the Hope Creek Generating Station initiated a unit shutdown to comply with the provisions of Technical Specification (TS) 3.0.3, TS 3.0.3 was entered at 0820 when both trains of the Main Steam Line Isolation Valve Sealing System (MSIVSS) were declared inoperable. The 'B' MSIVSS had been inoperable since 5/4/01 due to a malfunctioning flow transmitter with the associated TS, 3.6.1.4 1 entered. On 5/8/01, at 0508, a Potential Transformer fuse failure associated with the 'C' Class 1E 4.16kV bus tripped two of four channels of Loss of Voltage relay protection for that bus. The tripped channels provide start permissives for the 'C' EDG and have actuated to the tripped condition to provide those permissives. During subsequent investigation of the extent and consequences of the fuse failure, it was determined at 0820 hours that the fuse failure also affected the 'C' Emergency Diesel Generator (EDG) synchroscope rendering the 'C' EDG inoperable due to its inability to meet the surveillance requirement of TS 4.8.1.1.2.h.10 Since the 'C' EDG provides the IE power to the 'A' MSIV Sealing System both trains of the MSIV Sealing System were considered inoperable and TS 3.0.3 was entered.

Investigation into the cause of the fuse failure is ongoing. With the exception of the 'A' Control Room Emergency Filtration System, all other safety-related systems were operable at the time of the event.

The licensee notified the NRC resident inspector, the State of New Jersey and Lower Alloways Creek Township.