8005190 367

Initial Telephone Report Date: 5/13/80

Date of Occurrence: 5/12/80

Initial Written Report Date: 5/13/80

Time of Occurrence: 11:00 AM

OYSTER CREEK NUCLEAR GENERATING STATION
FORKED RIVER, NEW JERSEY 08731

Reportable Occurrence
Report No. 50-219/80-16-IP

IDENTIFICATION OF OCCURRENCE: Violation of the Technical Specifications, paragraph 3.1.A.2, (Table 3.1.1-Item AT2) when pressure switch PSL"D" was found defective and inoperable.

This event is considered to be a reportable occurrence as defined in the Technical Specifications, paragraph 6.9.2.a.2.

CONDITIONS PRIOR TO OCCURRENCE:

____	Steady State Power	____	Routine Shutdown Operation
____	Hot Standby	____	Load Changes During Routine Power Operation
____	Cold Shutdown	____	Other (Specify)
X	Refueling Shutdown		
____	Routine Startup Operation		

Reactor subcritical
Reactor mode switch locked in refuel
Cavity flooded

DESCRIPTION OF OCCURRENCE: On April 20, 1980, while performing surveillance on generator load rejection sensors, pressure switch PSL"D" was found defective. Subsequent investigation (5/12/80) revealed that the pressure switch would not have tripped at any pressure due to a mislocated operating lever within the switch housing. Since the plant was shutdown for a refueling outage the switch was removed and will be replaced with a new switch prior to plant startup.

Surveillance procedure records indicate the PSL"D" switch performed satisfactorily on 12/20/79 when the last surveillance test was performed. Therefore, the switch is considered to have been inoperable between 12/20/79 and 1/5/80 when the 1980 Refueling Outage began.

During the surveillance performed on 4/20/80, the redundant pressure switch PSL"B" in the same trip channel was found fully operable as well as the two redundant sensors, PSL"A" and "C" in the independent trip channel.

APPARENT CAUSE OF OCCURRENCE:

____	Design	____	Procedure
____	Manufacture	____	Unusual Service Condition
____	Installation/ Construction	____	Inc. Environmental
		X	Component Failure
____	Operator	____	Other (Specify)

_____

ANALYSIS OF OCCURRENCE:

The generator load rejection sensors are pressure switches sensing hydraulic oil pressure on the turbine acceleration relay. There are four sensors; two redundant sensors in each of two independent trip channels.

The function of these sensors is to provide an anticipatory scram signal when load is rejected from the generator to minimize reactor pressurization transients. The safety significance of the failed sensor is considered minimal since the redundant trip channel sensor was operable and the independent trip channel was operable. Therefore, the trip function was not lost and a scram would have resulted if a generator load rejection had occurred.

CORRECTIVE ACTION:

The defective pressure switch was disassembled and inspected, it was found that a plastic linkage that activates the switch had fallen out of place and caused the failure.

FAILURE DATA:

Penn Controls Inc.
Penn Switch Model Number P72AA-15
Serial Number B7C
Range 50 to 240 PSI
Setting: 180 PSI (Decreasing Pressure)

Prepared by: _____ Date: _____
Jim Schofield

Aporoved by: _____ Date: _____
Ronald Baran