17.771	LICENSEE EVENT REPORT
	CONTROL BLOCK:
	NIJOCPII 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	REPORT L 6 0 5 0 0 2 1 9 7 1 1 0 5 7 9 8 1 2 0 3 7 9 9 SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80
0 2	During normal operation, while performing the APRM Surveillance Test and
0 3	Calibration, the 100% flow rod plock setpoint on channel 1 was found to
04	be 107% of rated neutron flux. The required normal alarm setpoint is to
0 5	be less than 106%. Since the "as found" reading was outside the toler-
CE	ance, the setpoint was readjusted to 105% and the remainder of the test
07	completed. Safety significance is considered minimal since all other
0 8	APRM channels were functioning properly.
	SYSTEM CAUSE CAUSE COMPONENT CODE SUBCODE SUBC
7 8	9 10 11 12 13 18 19 20 SEQUENTIAL OCCURRENCE REPORT REVISION CODE TYPE NO.
	17 REPORT 7 9 0 3 9 0 3 0 3 0 0 3 0 0 3 0 0 3 0 0 3 0 0 3 0
	ACTION FUTURE EFFECT SHUTDOWN HOURS (22) ATTACHMENT NPRD-4 PRIME COMP. COMPONENT TAKEN ACTION ON PLANT METHOD HOURS (22) ATTACHMENT FORM SUB. SUPPLIER MANUFACTURER LE 12 2 19 2 20 2 21 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
10	The cause of the occurrence is attributed to instrument drift. APRM
	channel 1 was immediately readjusted by the technician when it was
12	found out of required tolerance.
1 3	
14	L
7 8	PACILITY STATUS POWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32 E 28 0 9 3 29 NA B 31 Technician observation.
ŢŢĘ,	CONTENT ELEASED OF RELEASE AMOUNT OF ACTIVITY 35 Z 33 Z 34 NA I 9 10 11 44 45
17	NUMBER TYPE DESCRIPTION 39 NA
1 8	PERSONNEL INJURIES 1511 331 80   NUMBER DESCRIPTION (4) NA 1511 331 10
1 9	LOSS OF OR DAMAGE TO FACILITY (3) TYPE DESCHIPTION 364 Z (2) NA 7912070
7 8	PUBLICITY AS NAC USE ONLY
2 0	Veckly news release. C8 69 E0
	NAME OF PEEPARER Donald A. Ross PHONE: 201-455-8784



Jersey Central Power & Light Company Madison Avenue at Punch Bowl Road Morristown, New Jersey 07960 (201) 455-8200

OYSTER CREEK NUCLEAR GENERATING STATION Forked River, New Jersey 08731

Licensee Event Report Reportable Occurrence No. 50-219/79-39/3L-0

Report Date

December 3, 1979

Occurrence Date

November 5, 1979

#### Identification of Occurrence

Operation in a degraded mode as permitted by the Technical Specifications, paragraph 2.3.(2)a, when performing APRM Surveillance Test and Calibration, channel 1 normal rod block setpoint was found less conservative than specified. This event is considered to be a reportable occurrence as defined in the Technical Specifications, paragraph 6.9.2.(b)1.

#### Conditions Prior to Occurrence

The plant was operating at steady state power. The major plant parameters at the time of the occurrence were:

Power:			Reactor, 1852 MWt
			Generator, 640 MWe
Flow:			Fecirculation, 14.8 x 10" gpm
			Feedwater, 6.91 x 106 lb/hr
Stack	Gas	Flow:	3.19 x 10 <sup>4</sup> µCi/sec

## Description of Occurrence

On Monday, November 5, 1979, at approximately 1:15 p.m., while performing the APRM Surveillance Test and Calibration, the 100% flow rod block setpoint on channel 1 was found to be 107% of rated neutron flux. The required normal alarm setpoint is <106%. Since the "as found" reading was outside the tolerance, the setpoint was readjusted to 105% and the remainder of the surveillance test was completed.

# Apparent Cause of Occurrence

The cause of this event is attributed to instrument drift.

1511 332

Reportable Occurrence No. 50-219/79-39/3L-0 December 3, 1979

# Analysis of Occurrence

The Average Power Range Monitor (APRM) system consists of eight channels, four in each Reactor Protection System. Each channel averages the signals from eight Local Power Range Monitors (LPRM's). The reactor is divided into four quadrants and each Reactor Protection System has an APRM in each quadrant. Any one channel may prevent rod motion to prevent excessive power in a local area.

The APRM system responds to changes in neutron flux. The APRM is checked and calibrated near rated thermal power using a heat balance, so neutron flux is measured as a percent of rated thermal power. The rod block setpoint is not to exceed 106% power at 100% flow. The safety significance is considered minimal because only channel I was affected, and all other APRM channels were functioning properly.

### Corrective Action

APRM channel 1 was immediately readjusted by the technician when it was found out of required tolerance.

Failure Data

Not applicable.

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