

U.S. NUCLEAR REGULATORY COMMISSION
LICENSEE EVENT REPORT

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

/0/1/ /V/A/N/A/S/2/ (2) /0/0/-/0/0/0/0/0/-/0/0/ (3) /4/1/1/1/1/ (4) / / / (5)
LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT

/0/1/ REPORT /L/ (6) /0/5/0/0/0/3/3/9/ (7) /0/8/1/4/8/1/ (8) /0/9/1/1/8/1/ (9)
SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On August 14, 1981, with the Unit in Mode 1, power range channel N-41 bistable /
/0/3/ / setpoints for low and high range overpower reactor trips were found to be less /
/0/4/ / conservative than the Allowable Values specified by Table 2.2-1. Setpoints for /
/0/5/ / permissives P-8 and P-10 overpower trips were less conservative than the allowa- /
/0/6/ / ble values specified by T.S. 3.3.1.1, Table 3.3-1. Since the affected channel /
/0/7/ / was corrected within 1 hour and 3 redundant channels remained operable, the /
/0/8/ / public health and safety were not affected. /

SYSTEM	CAUSE	CAUSE	COMP.	VALVE
CODE	CODE	SUBCODE	SUBCODE	SUBCODE

/0/9/ /I/A/ (11) /A/ (12) /C/ (13) /I/N/S/T/R/U/ (14) /X/ (15) /Z/ (16)
LER/RO EVENT YEAR SEQUENTIAL OCCURRENCE REPORT REVISION
REPORT NO. NO.
(17) NUMBER /8/1/ /-/ /0/6/5/ / \ / /0/3/ /L/ /-/ /0/

ACTION	FUTURE	EFFECT	SHUTDOWN	ATTACHMENT	NPRD-4	PRIME COMP.	COMPONENT
TAKEN	ACTION	ON PLANT	METHOD HOURS	SUBMITTED	FORM SUE	SUPPLIER	MANUFACTURER

/E/ (18) /Z/ (19) /Z/ (20) /Z/ (21) /0/0/0/0/ (22) /Y/ (23) /N/ (24) /N/ (25) /W/1/2/0/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ /The cause of the event was a suspected incorrect calibration performed on 6/20/81./
/1/1/ /While starting up the unit after prolonged outage, power range N41 panel read 6% /
/1/2/ /higher than the N41 drawer meter and other channels. The affected channel was re- /
/1/3/ /calibrated. When it was determined that the trip bistables were out of tolerance /
/1/4/ /an additional calibration was performed and the trip setpoints were reset. /

FACILITY	METHOD OF	DISCOVERY DESCRIPTION (32)
STATUS	%POWER	OTHER STATUS

/1/5/ /C/ (28) /0/4/3/ (29) / NA / (30) /A/ (31) / Operator Observation /

ACTIVITY	CONTENT	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
RELEASED	OF RELEASE		

/1/6/ /Z/ (33) /Z/ (34) / NA / / NA /

PERSONNEL EXPOSURES	DESCRIPTION (39)
NUMBER	TYPE

/1/7/ /0/0/0/ (37) /Z/ (38) / NA /

PERSONNEL INJURIES	DESCRIPTION (41)
NUMBER	

/1/8/ /0/0/0/ (40) / NA /

LOSS OF OR DAMAGE TO FACILITY	DESCRIPTION (43)
TYPE	

/1/9/ /Z/ (42) / NA /

PUBLICITY	ISSUED	DESCRIPTION (45)	NRC USE ONLY
			/ / / / /

/2/0/ /N/ (44) / NA /

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PDR ADOCK 05000339
S PDR

Description of Event

On August 14, 1981, with the Unit in Mode 1, power range channel N-41 bistable setpoints for low and high range overpower reactor trips were found to be less conservative than the allowable values specified by Table 2.2-1. The low range and high range overpower trip setpoints were found to be 28% and 122%, respectively. The maximum Allowable Values specified by Table 2.2-1 are 26% and 110%. The overpower trip setpoints for permissives P-8 and P-10 were found to be 33% and 11.2%. The Allowable Values specified by Table 3.3-1 are 31% and 11%. This event is reportable pursuant to T.S. 6.9.1.9.z.

Probable Consequences of Occurrence

The three remaining power range nuclear instrumentation channels were available to provide 2 out of 3 channel trip protection. The requirement that a minimum of 3 channels be operable was met. The affected channel trip bistables were reset and the channel was placed in service within 1 hour of discovery. Thus, the health and safety of the general public were not affected.

Cause of Event

The cause of the event was suspected incorrect instrument calibration performed earlier. While starting up the unit after a prolonged outage, power range N41 panel meter read 6% higher than the N41 drawer meter on the other channels. The affected channel was recalibrated and returned to service. On the same day, it was realized that the reactor trip bistables for the affected channel may have been set using the affected meter which indicated 49% power while all other channels indicated 43% reactor power. The bistable trip setpoints were immediately checked and verified to be out of calibration. The Shift Supervisor was informed and the bistables were reset and verified operable by procedure, and the channel was placed into service.

Immediate Corrective Action

When it was realized that the bistables trip setpoints could be affected by an incorrect remote meter indication, the bistables were immediately calibrated and the channel placed into service.

Scheduled Corrective Action

There is no scheduled corrective action.

Actions Taken to Prevent Recurrence

No further action is required.

Generic Implications

There are no generic implications associated with this event.