

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0	7
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0	8
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0	9
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CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1.4 placed on a more detailed evaluation of degraded voltage tests, if required, in the future.

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LER SUPPLEMENTAL INFORMATION

SQRO-50-327/83009

Technical Specification Involved: 3.1.3.2 and 3.0.3

Reported Under Technical Specification: 6.9.1.12.b

Date of Occurrence: 01/31/83

Time of Occurrence: 1330 CST

Identification and Description of Occurrence:

At 1226 hours during the performance of Special Test Instruction 82-06, the control rod position indication system was inoperable when the indicated rod position for all rods deviated greater than 12 steps from actual rod position.

Conditions Prior to Occurrence:

Unit 1 in mode 1 at 100% power with RCS temperature and pressure at 579 degrees F and 2235 psig.

Apparent Cause of Occurrence:

When the 480-volt shutdown board voltage was reduced to 410 volts, this caused the rod position indication system to indicate erroneous positions.

Analysis of Occurrence:

Special Test Instruction 82-06 (Verification of Established Minimum 6.9 kV Level) was being run under degraded voltage conditions on train B, fire pump 1B-B start. When the 1B2-B shutdown board voltage was decreased, this caused a proportional decrease on the secondary side of the 480/120 instrument power transformer 1B which feeds the rod position indicators through panel 1-M-7.

Corrective Action:

At 1228 hours, the 480 board voltage was raised and all rod positions indicated normal. Special Test Instruction 82-06 was completed and will not be performed again. However, if any test involving degraded board voltage conditions is performed, the potential consequences will be evaluated or analyzed in greater detail.

Failure Data:

None.