	LICENSEE EVENT REPORT
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0 2	At 2330, while in Mode 1 performing the Control Rod Exercise Procedure, SP-333,
0 3	the absolute position indication for Rod 8, Group 1 was not observed as the
0 4	rod was moved. Rod 8 was verified as per Technical Specification 3.1.3.3.
0 5	Operability was restored following maintenance and testing at 0530 on
0 6	16 August 1979. No effects upon public health and safety as relative
0 7	position indication was available and operable as a redundant system. First
0 8	occurrence of this type reported for Rod 8, Group 1.
019	SYSTEM CAUSE COMPONENT COOK SUSCODE SU
10	The cause of this event can be attributed to a sticking reed switch. The
	application of a variable A.C. frequency to the reed switch circuit eliminated!
112	the sticking switch and restored normal operability. No other corrective action
13	necessary at this time.
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==	NA (004) 705 6486
	NAME OF PREPARED J. Cooper
	(SEE ATTACHED SUPPLEMENTARY INFORMATION SHEET)

## SUPPLEMENTARY INFORMATION

Report No.:

50-302/79-079/03L-0

Facility:

Crystal River Unit #3

Report Date:

6 September 1979

Occurrence Date:

15 August 1979

Identification of Occurrence:

Inoperable absolute position indication for Rod 8, Group 1 contrary to Technical Specification 3.1.3.3.

Conditions Prior to Occurrence:

Mode 1, power operations (100%)

Description of Occurrence:

At 2330, while performing Surveillance Procedure SP-333, Control Rod Exercise, the absolute position indication for Rod 8, Group 1, was not observed as the rod was moved. Rod 8 was verified to be 100% withdrawn per action statement of Technical Specification 3.1.3.3. Operability was restored following maintenance and testing at 0530 on 16 August 1979.

Designation of Apparent Cause:

The cause of this event can be attributed to a stuck reed switch.

Analysis of Occurrence:

There was no hazard to the plant or general public as rod position indication was a milable and operable via relative position indications.

Corrective Action:

Normal switch operability was restored through the application of a variable A.C. frequency to the reed switch circuit. Position indicator tube replacement has been reduced through this maintenance practice.

Failure Data:

First occurrence of this type reported for Rod 8, Group 1. Other API occurrences reported on LER's 77-71, 112, 125; 78-62, 68, and 79-73.

/rc