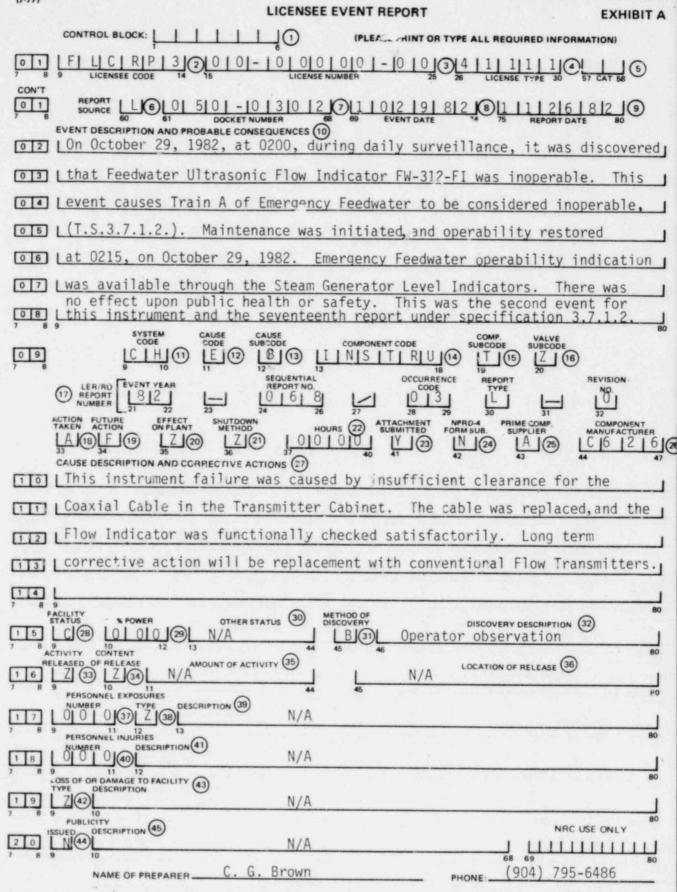
NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION



### SUPPLEMENTARY INFORMATION

REPORT NO:	50-302/82-068/03L-0
FACILITY:	Crystal River Unit #3
REPORT DATE:	November 24, 1982
OCCURRENCE DATE:	October 29, 1982

**IDENTIFICATION OF OCCURRENCE:** 

On October 29, 1982, Train A of the Emergency Feedwater System was declared inoperable due to an inoperable Ultrasonic Flow Indicator, FW-312-FI. Operability of this sytem is required by Technical Specification 3.7.1.2.

#### CONDITIONS PRIOR TO OCCURRENCE:

MODE 3 (HOT STANDBY)

### DESCRIPTION OF OCCURRENCE:

At 0200 on October 29, 1982, during daily surveillance, the Feedwater Ultrasonic Flow Indicator, FW-312-FI was declared inoperable. This event causes Train A of the Emergency Feedwater System to be considered inoperable. Maintenance was performed and operability was restored by 0215, on October 29, 1982.

#### DESIGNATION OF APPARENT CAUSE:

This event was caused by insufficient clearance for the coaxial cable in the flow transmitter cabinet. Repeated flexing of the cable when the cabinet was opened caused the cable connector to fail.

## ANALYSIS OF OCCURRENCE:

There was no effect on public health or safety. Emergency Feedwater operability indication was available through the Steam Generator Level Indicators.

# CORRECTIVE ACTION:

The cable was replaced. The coaxial cable connectors on both Flow Indicators were replaced with 90° connectors to prevent excessive strain on the cable connectors. Long term corrective action will be to replace the transmitters with conventional Flow transmitters as part of the Emergency Feedwater Initiation and Control (EFIC) upgrade.

#### FAILURE DATA:

This was the second failure of FW-312-FI and the seventeenth report under Technical Specification 3.7.1.2.