17-771 LICENSEE EVENT REPORT (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) CONTROL BLOCK:  $\Box$ ()0 0 3 4 1 1 1 1 1 0 -L 6 0 5 0 - 0 3 0 2 7 8 1 8 1 8 1 2 0 3 8 1 9 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80 REPORT SOURCE EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) At 1030 during routine refueling operations, notification was received from the 2 Architect Engineer that the main steam lines supplying the turbine driven emergency 0 3 Ifeed pump are presently catagorized as High Energy Lines but were not considered 0 4 in the 1973 FPC High Energy Line Break Cuside the Containment (Helboc) Report. This 0 5 requires reporting per T.S. 6.9.1.8.i. There was no effect upon the health or safety 0 6 of the general public. This was the first event of this type. 0 7 8 80 9 COMP SYSTEM CODE VALVE CAUSE CAUSE SUBCODE COMPONENT CODE SUBCODE CODE B (12) A (13 11 PI EI XI X (14 C C (11 18 19 13 OCCURRENCE REVISION REFORT SEQUENTIAL CODE TYPE NO EVENT YEAR REPORT NO. LER RO 1 REPORT 8 T 0 6 NUMBER COMPONENT NPRD-4 ATTACHMENT SUBMITTED PRIME COMP METHOD FUTURE ACTION TAKEN EFFECT ON PLANT HOURS (22) FORMSUB SUPPLIER MANUFACTURER L0 10 10 A (25 91 91 N (24) XI Y X FI Ζ Z (21) (23) 18) CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) This event was caused by changes in operational procedures not specifically considered 0 by the A/E in the Helboc Report. The creation of High Energy Lines, therefore, falls outside the bounds of the analysis. Evaluation of the lines is in progress. Modification (MAR 81-10-19) will be completed in the Spring 1983 refueling outage (after com-1 3 pletion of evaluation and procurement activities). This timeframe is appropriate in 4 80 9 terms of the probability of failure METHOD OF DISCOVERY DESCRIPTION (32) OTHER STATUS. DISCOVERY 5 POWER Notification of A/E D (31) 0 (29) 5 H (28) 0 NA 80 9 10 ACTIVITY CONTENT LOCATION OF RELEASE (36) AMOUNT OF ACTIVITY (35 RELEASED OF RELEASE NA Z (33) Z (34) NA 80 44 11 PERSONNEL EXPOSURES DESCRIPTION (39) TYPE NUMBER 0 0 0 (37) Z (38) NA 80 PERSONNEL INJURIES DESCRIPTION (41) UMBER NA 8 40) 80 12 LOSS OF OR DAMAGE TO FACILITY (43) TYPE DESCRIPTION NA Z (42) 8112080407 81120 80 05000302 PDR ADOCK NRC USE ONLY PUBLICITY DESCRIPTION (45 PDR ISSUED 11111 N (44) NA 0 68 69 80 904/795-6486 PHONE NAME OF PREPARER -INFORMATION SHEET)

SUPPLEMENTARY /GEF ATTACHED

## SUPPLEMENTARY INFORMATION

Report No.:	50-302/81-068/01T-1
Facility:	Crystal River Unit 3
Report Date:	December 3, 1981
Occurrence Date:	October 27, 1981

Identification of Occurrence:

Corrective measures are required to prevent operation in a manner less conservative than that assumed in the Accident Analysis in the Final Safety Analysis Report for a High Energy Line Break Outside Containment, as described in Technical Specification 6.9.1.8.i.

Conditions Prior to Occurrence:

Mode 6 refueling (0%).

## Description of Occurrence:

At 1030, during routine refueling operations, notification was received from the Architect Engineer, Gilbert Associates, Inc., that the main steam lines supplying the turbine driven emergency feed pump are presently catagorized as High Energy Lines, but that they were not considered as such when the FPC High Energy Line Break Outside Containment (Helboc) Report was done in 1973.

Designation of Apparent Cause:

This event was caused by changes in operational procedures not specifically considered by the Architectural Engineer in the Helboc Report. High Energy Lines were created and, therefore, fell outside the bounds of this analysis.

Analysis of Occurrence:

There was no effect upon the health or safety of the general public.

Corrective Action:

Engineering evaluation and design of whip restraints and shields is in progress. Modification (MAR 81-10-19) will be completed following completion of design, evaluation, and procurement activities during the next refueling outage which is currently planned for the Spring of 1983. This timeframe is appropriate in terms of the probability of failure (010-4/yr, WASH-1400) when compared to current safety goals as specified in NUREG-0735 (010-4/yr, correct in years).

## Failure Data:

This was the first event of this type.