



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 1000
ARLINGTON, TEXAS 76012

TIC

May 29, 1979

In Reply Refer To:

RIV

Docket No. 50-458/IE Information Notice 79-13
50-459/IE Information Notice 79-13

Gulf States Utilities
ATTN: Dr. D. G. Weigand, General Manager
Nuclear Projects
Post Office Box 295;
Beaumont, Texas 77704

Gentlemen:

This Information Notice is provided as an early notification of a possibly significant matter. It is expected that recipients will review the information for possible applicability to their facilities. No specific action or response is requested at this time. If further NRC evaluations so indicate, an IE Circular or Bulletin will be issued to recommend or request specific licensee actions. If you have questions regarding this matter, please contact the Director of the appropriate NRC Regional Office.

Sincerely,


Karl V. Seyfrit
Director

Enclosures:

1. IE Information Notice
No. 79-13
2. List IE Information Notices
Issued in 1979

273 147

7907030122

Q

UNITED STATES
NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT
WASHINGTON, D.C. 20555

IE Information Notice No. 79-13
Date: May 29, 1979
Page 1 of 4

INDICATION OF LOW WATER LEVEL IN THE OYSTER CREEK REACTOR

Summary

A loss of feedwater transient at the Oyster Creek facility on May 2, 1979, resulted in a significant reduction in water inventory within the reactor core shroud area as measured by one set of water level instruments (triple low level), while the remaining level instruments, sensing from the reactor annulus area indicated water levels above any protective feature setpoint (Figure 1). The water level within the core shroud area was reduced below the "triple low level" setpoint of 4 feet 8 inches above the top of the fuel.

Subsequent analysis by the licensee has determined that the minimum collapsed water level (solid, without steam voids) over the top of the fuel was 1 to 1-1/2 feet.

Coolant sample analyses and offgas release rates indicate that no fuel damage occurred.

General

Oyster Creek is a non-jet pump BWR with licensed power of 1930 Mwt. The plant was first made critical May 3, 1969.

Status Before Transient

Operating at near full power with the main parameters at levels as follows:

1895 Mwt power level
79" Yarway (13'4" over top of fuel) reactor water level
1020 psig reactor pressure
 7.1×10^6 #/hr feedflow
 14.8×10^4 gpm recirculation flow rate (4 pumps)
12 psid core delta pressure

Equipment Out-of-Service (OOS)

"D" recirc pump OOS due to seal
"B" startup transformer OOS for

DUPLICATE DOCUMENT

273 148

Entire document previously entered
into system under:

ANO 7906060164

No. of pages: 11