

50-382



## POLICY ISSUE (Information)

June 18, 1984

SECY-84-239

For: The Commissioners

From: William J. Dircks  
Executive Director for Operations

Subject: WATERFORD UNIT 3

Purpose: To provide the Commission with information relating to potentially significant safety issues at the Waterford Unit 3 facility as presented to the applicant.

Discussion: On April 2, 1984, the staff began a major review effort, largely conducted on site, designed to complete those issues necessary for the staff to reach its licensing decision on Waterford Unit 3. These issues covered a number of licensing and inspection areas including allegations of improper construction practices at the facility. The staff completed its field work on May 25, 1984, after six weeks on site, and has identified a number of items that could potentially affect the safe operation of the plant. The issues represent an extensive audit of information related to the plant. They were presented to the applicant for action before the staff publishes its SSER which will document its assessment of these and all of the other areas examined. This meeting was held on June 8, 1984.

The issues, summarized by topic, were presented at the meeting and are provided as Enclosure 1. A transcript of the meeting was made and is also enclosed (Enclosure 2) for your information. In addition, Enclosure 3 is a recent letter to LP&L formalizing the staff's questions for the utility.

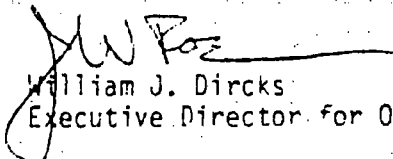
CONTACT:  
D. Eisenhut, NRR  
Ext. 27672

8407100662 840618  
CF SECY  
84-239 CF

The Commissioners

- 2 -

The applicant has been requested to propose a program and schedule for a detailed and thorough assessment of the concerns, addressing both their root cause, the generic implications and the proposed applicant action to preclude such problems in the future. The applicant's proposed program will be evaluated by the staff before consideration of issuance of an operating license for Waterford Unit 3.

  
William J. Dircks  
Executive Director for Operations

Enclosures:

1. Summary of Meeting Issues
2. Transcript of Meeting
3. Letter to J. M. Cain from  
D. G. Eisenhut dated  
June 13, 1984

ENCLOSURE 1

SUMMARY OF MEETING ISSUES

INQUIRY TEAM

0 CONSTRUCTION MATERIAL TESTING (CMT) PERSONNEL

0 UNDERSIZED WELDS

0 SYSTEMS TRANSFERS WITHOUT ADEQUATE CLOSEOUT OF LP&L QA CONSTRUCTION  
WALKDOWN FINDINGS

CIVIL/STRUCTURAL AND PIPING/MECHANICAL TEAM

O BACKFILL SOIL DENSITY

O CADWELDS

O WELDING INSTRUMENTATION CABINET SUPPORT

O INSPECTION OF SHOP WELDS DURING HYDRO-TESTS

O STRUCTURAL INSPECTORS QUALIFICATIONS

O INSPECTION RECORDS ON MAIN STEAMLINE RESTRAINT FRAMING

O SPEED LETTERS AND ENGINEERING INFORMATION REQUEST (STRUCTURAL AREAS)

O WELDS ON CONTAINMENT SPRAY PIPING SUPPORTS

QA RECORDS REVIEW TEAM FINDINGS

- 0 UNQUALIFIED OR INCORRECTLY CERTIFIED QA/QC INSPECTION PERSONNEL
- 0 INADEQUATE OF MISSING QA DOCUMENTATION (RECORDS)
- 0 INADEQUATE REVIEW OF QA DOCUMENTATION
- 0 INADEQUATE DISPOSITION AND CLOSURE OF NONCONFORMANCE REPORTS
- 0 WELDER QUALIFICATION AND WELDING PROBLEMS
- 0 LOWER TIERED CORRECTIVE ACTION DOCUMENTS WERE NOT UPGRADED TO NONCONFORMANCE REPORTS
- 0 VENDOR DOCUMENTATION/CONDITIONAL RELEASE SYSTEM
- 0 QA PROGRAM BREAKDOWN BETWEEN EBASCO AND MERCURY COMPANY

EI&C

O NON-SEISMIC EQUIPMENT (Category 2) INTERFACE WITH SAFETY EQUIPMENT  
(Category 1) DURING SAFE SHUTDOWN EARTHQUAKE.

O EXPANSION TYPE ANCHORS IN CONCRETE FOR CATEGORY I STRUCTURES

ENCLOSURE 2

TRANSCRIPT OF MEETING