

April 3, 1968

AEC-R 143/17

ATOMIC ENERGY COMMISSION

CONSTRUCTION DIFFICULTIES AT TURKEY POINT
UNITS 3 AND 4

Note by the Secretary

The Director of Regulation has requested that the attached report by the Director of Compliance, be circulated for the information of the Commission.

W. B. McCool
Secretary



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Enclosure 2

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ATOMIC ENERGY COMMISSION
CONSTRUCTION DIFFICULTIES
FLORIDA POWER AND LIGHT COMPANY
TURKEY POINT UNITS 3 AND 4

Report to the Director of Regulation
by the Director of Compliance - -

Our Region II (Atlanta) Compliance Office is reviewing two significant construction problems at the Florida Power and Light Company's reactor facilities, Turkey Point Units 3 and 4. These problems and their current status are as follows:

1. When the containment building pad forms for Unit No. 3 were removed, concrete voids up to one cubic foot in size were observed in the vicinity of twenty-five percent of the 130 tendon trumpets which are imbedded in the concrete around the periphery of the pad. The tendon trumpets serve as anchors for the prestressed concrete containment building tendons.

2. A routine inspection of the installed Cadweld reinforcing bar splices by the Division of Compliance revealed quality control deficiencies in these splices that could be of significance. The deficiencies relate to inadequate quality control inspections by the applicant and his contractors.

The applicant, in conjunction with his consultants, is preparing a special report on these problems that will be submitted to the Division of Reactor Licensing for evaluation. Concrete pouring in the immediate vicinity of both of these problems has been stopped. The Division of Compliance, in conjunction with their consultants, Mr. Robert E. Philleo of the United States Army Corps of Engineers, and Dr. Clyde E. Kessler of the University of Illinois, are following on-site activities. In addition, they will review the methods and procedures for implementing any corrective actions that are approved by the Division of Reactor Licensing.

We will inform you of any significant findings.

The staff of the JCAE is being informed. There has been no press release.