



UNITED STATES  
 NUCLEAR REGULATORY COMMISSION  
 REGION II  
 101 MARIETTA ST., N.W., SUITE 3100  
 ATLANTA, GEORGIA 30303

APR 16 1980

Report Nos. 50-250/80-09 and 50-251/80-09

Licensee: Florida Power & Light Company  
 9250 West Flagler Street  
 Miami, FL 33101

Facility Name: Turkey Point Units 3 and 4

Docket Nos. 50-250 and 50-251

License Nos. DPR-31 and DPR-41

Inspection at Bechtel Power Corporation, Gaithersburg, Maryland

Inspectors: W. P. Ang 4-14-80  
 W. P. Ang Date Signed

L. Modenos 4-14-80  
 L. Modenos Date Signed

Approved by: A. R. Herdt 4/14/80  
 for A. R. Herdt, Section Chief, RCES Branch Date Signed

SUMMARY

Inspection on March 26-27, 1980

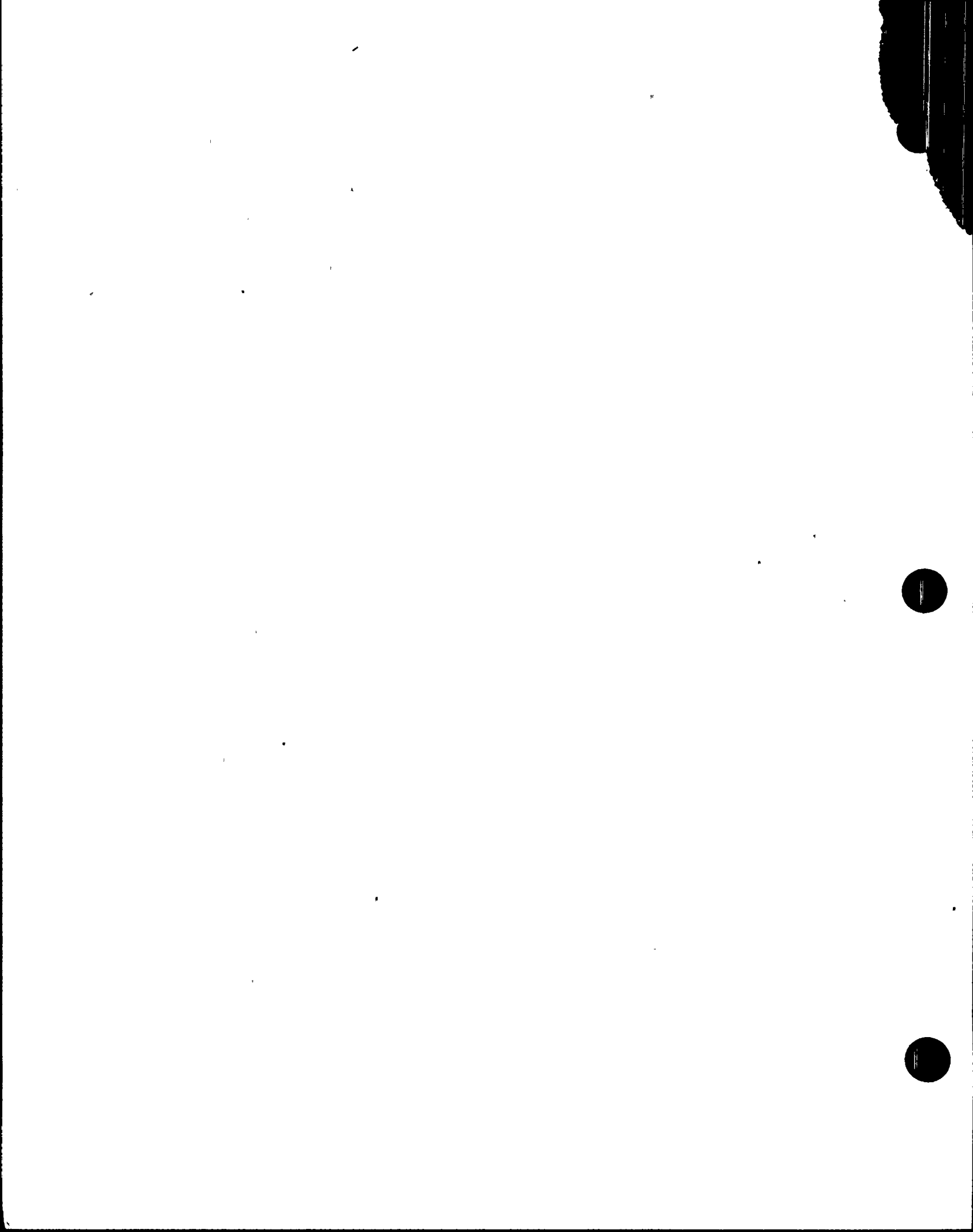
Areas Inspected

This routine, unannounced inspection involved 16 inspector-hours on site in the areas of pipe support baseplate designs using concrete expansion anchor bolts (IEB 79-02); and seismic analysis for as-built safety related piping systems (IEB 79-14).

Results

Of the two areas inspected, no items of noncompliance or deviations were identified.

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## DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*R. A. Kaminsky, Licensing Engineer
- \*S. Corona, QA Engineer
- \*T. E. Roberts, Civil Engineer

#### Bechtel Power Corporation (Bechtel)

- \*B. K. Kanga, Manager Division of Engineering
- \*P. P. Anas, Chief Plant Design Engineer
- \*D. L. Brennen, Project Engineer
- \*L. F. Sirianni, Project Quality Assurance
- \*J. Parikh, IEB 79-14 Coordinator

#### NRC Vendor Branch Inspector

- \*R. H. Brickley, Principal Inspector, RIV

\*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on March 27, 1980 with those persons indicated in Paragraph 1 above.

### 3. Licensee Action on Previous Inspection Findings

Not inspected.

### 4. Unresolved Items

Unresolved items were not identified during this inspection.

### 5. Pipe Support Baseplate Designs Using Concrete Expansion Bolts (IEB 79-02)

An inspection of the IEB 79-02 work being performed by Bechtel for Florida Power and Light Company (FPL) was conducted to determine compliance with IEB 79-02 requirements and licensee commitments.

Inspection for oversized baseplate bolt holes was not originally conducted by FPL. A subsequent inspection was performed to inspect only supports that carried shear loads. An inspection of Bechtel's Baseplate analysis for Turkey Point Unit 3 was conducted to verify that baseplates that had shear loads were inspected for oversized bolt holes. The analysis for the following supports were inspected: 3SIH 114, SR 146, 1C340AC, 342 AA, 1C344AA.



No items of noncompliance or deviations were noted. Pending licensee completion of IEB 79-02 requirements and licensee commitments the bulletin shall remain open.

6. Seismic Analysis for As-Built Safety Related Piping Systems (IEB 79-14)

An inspection of the IEB 79-14 work being performed by Bechtel for FPL was conducted to verify compliance with IEB 79-14 requirements and licensee commitments. Licensee event report 79-040-OIT reported that evaluations performed in accordance with IEB 79-14 revealed a modeling error of 6 x 4 inch reducers in the Unit 3 feedwater by-pass piping which could cause the lines to become non-operational during a seismic event. Action taken at Bechtel to resolve the problem and to ensure that a similar problem does not exist elsewhere in Unit 3 or Unit 4 was inspected. Action taken appears to provide for the problem and its generic possibilities in the rest of Unit 3 and 4 safety-related piping.

Bechtel document no 5177-102-P-001 Rev. 4 was reviewed and was determined to lack a requirement for timely operability evaluation upon receipt of new stress analysis results. Informal guidance for this however was being used and the operability evaluation was being performed. The licensee committed to have the operability evaluation included in formal Bechtel procedures.

IEB 79-14 action by Bechtel for Turkey Point Unit 3 DWG NO. 5177-102-SK-P-008 Rev. A on the Auxiliary feed system and Unit 4 DWG NO. 5177-102-SK-P-005 Rev. B was inspected for compliance with IEB 79-14 requirements and licensee commitments.

No items of noncompliance or deviations were identified. Pending completion of IEB 79-14 requirements and licensee commitments the Bulletin shall remain open.

