



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

Report No. 50-250/80-34

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

Facility Name: Turkey Point

Docket No. 50-250

License No. DPR-31

Inspection at Turkey Point site near Homestead, Florida

Inspector: *A. R. Herdt*
for B. R. Crowley

11/26/80
Date Signed

Approved by: *A. R. Herdt*
A. R. Herdt, Section Chief, RC&ES Branch

11/26/80
Date Signed

SUMMARY

Inspection on November 13-14, 1980

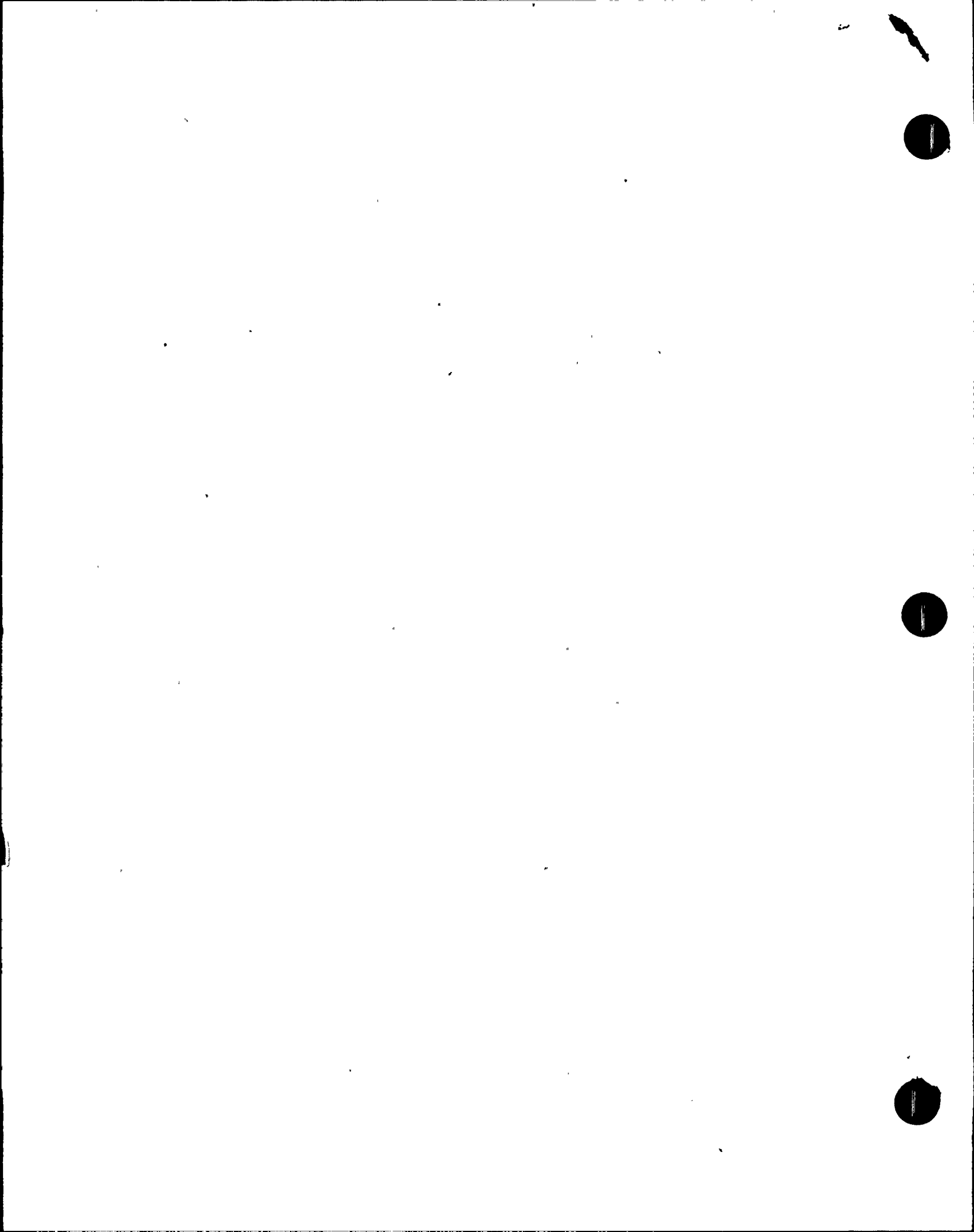
Areas Inspected

This routine, unannounced inspection involved 11 inspector-hours on site in the area of IEB 79-13 feedwater line repairs.

Results

No items of noncompliance or deviations were identified.

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DETAILS

1. Persons Contacted

Licensee Employees

- *J. K. Hays, Plant Manager - Nuclear
- *R. E. Tucker, Senior QA Engineer - Level III Examiner
- *G. Gotch, PRN Staff - General Office
- *H. T. Young, Project Construction Supervisor
- *J. F. O'Brien, Project QC Supervisor
- *D. W. Jones, Quality Control Supervisor

Other Organizations

L. Bennet, Welding Engineer (Bechtel Corporation)

NRC Resident Inspectors

- *A. Ignatonis
- W. Marsh

*Attended exit interview.

2. Exit Interview

The inspection scope and findings were summarized on November 14, 1980, with those persons indicated in Paragraph 1 above. The status of reporting in accordance with IEB 79-13 was discussed. Now that feedwater reducers have been replaced on both units, and LERs written for both units reference reporting in accordance with IEB 79-13, the licensee agreed to evaluate final reporting requirements and comply with these requirements.

3. Licensee Action on Previous Inspection Findings

(Closed) Unresolved Item 250/80-20-02, "Linear Indications S/G "A" Feedwater Nozzle". The indications were investigated during the most recent outage as followup to IEB 79-13. One of the indications was determined to be a crack. Subsequently cracks were found in all three feedwater reducers. The reducers were replaced. (See Paragraph 5. for further information.) This matter is considered resolved.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. IE Bulletin (IEB)

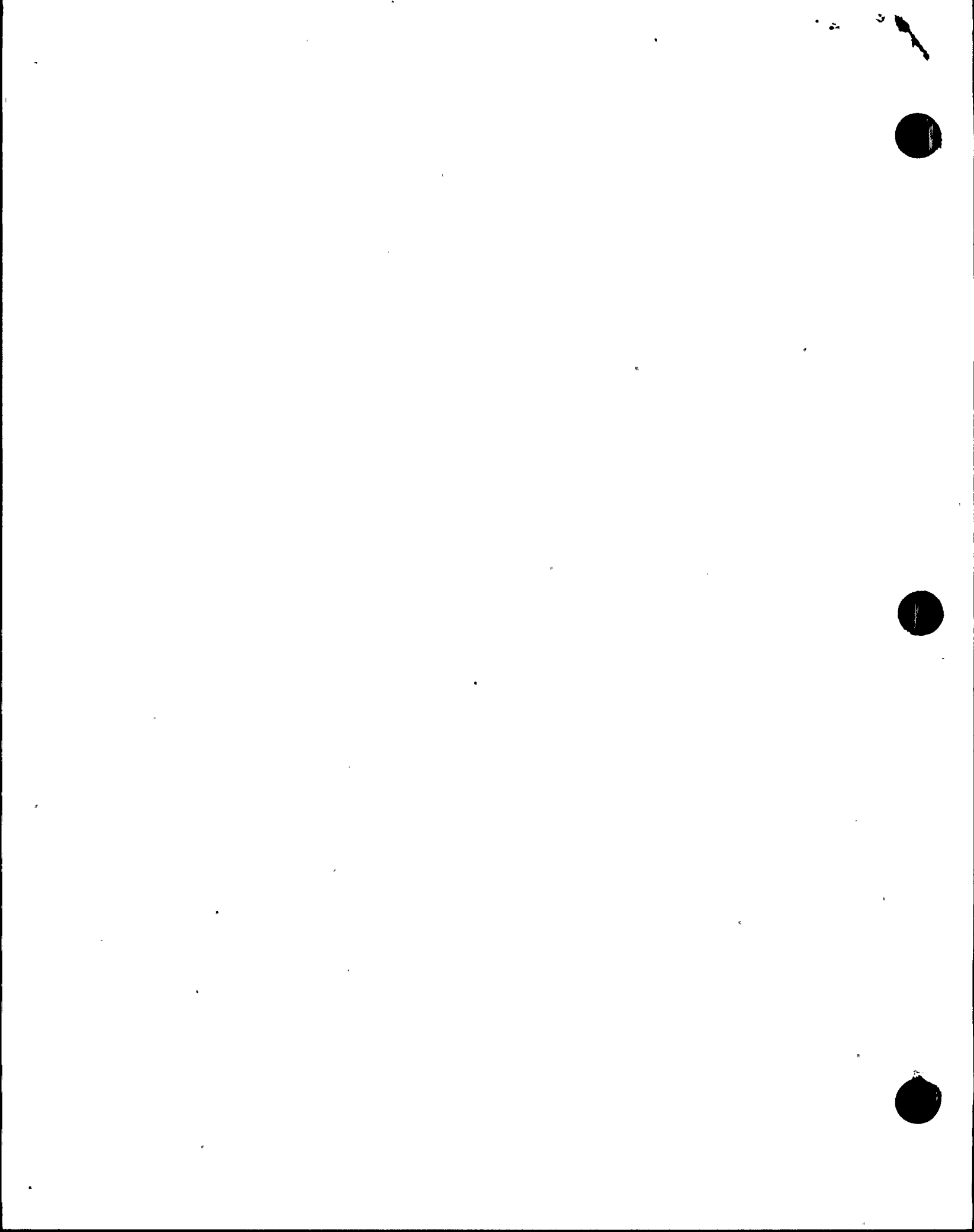
(Open) 79-BU-13, Cracking in feedwater system piping. During inspection of welding activities relative to change-out of cracked feedwater reducers in Unit 4 (see IE:RII Reports 50-250/80-20 and 50-251/80-17), the NRC inspector re-reviewed the film for Unit 3 reducer to nozzle welds. During this review possible linear indications were noted at stations 5 - 7 and 12 - 20 in the reducer base material of loop "A". During the recent outage the indications were investigated visually, by radiographic inspection (RT), and by ultrasonic inspection (UT). The UT inspection verified the RT indication at station 12 - 20 to be a crack. The licensee then UT inspected all three loop feedwater reducers and found cracks in all three. The reducers were cut-out and replaced. The applicable Code for the replacement was ANSI B31.1, 1977 edition, S79 addenda. Welding procedures and welders were qualified in accordance with ASME, Section IX. The inspector reviewed the following records relative to the replacement:

- a. Audits - The following QA audits performed during the replacement were reviewed:

QAO-PTP-80-10-313
QAO-PTP-80-10-312
QAO-PTP-80-10-315

- b. Welding Records - The inspector reviewed welding records as listed below for welds FW 1-A (reducer to pipe) and FW 1-B (nozzle to reducer):

- (1) "Weld Traveler"
- (2) "Filler Metal Withdrawal Authorization"
- (3) "Fitup to Root Visual Inspection Report"
- (4) "Final Pass Visual Inspection Report"
- (5) "Radiographic Test and Interpretation Report"
- (6) "Post Weld Heat Treatment Inspection Report" including strip chart recording (Weld 1-B only)
- (7) Repair records (Weld 1-B)
- (8) Welder qualification records for welders performing welding on above two welds
- (9) QC and NDE qualification records for inspectors performing inspections on above two welds.



c. RT Film - The inspector reviewed final film for the following welds:

- FW 1-A (reducer to pipe)
- FW 1-A (nozzle to reducer)
- FW 1-B (nozzle to reducer)
- FW 1-C (nozzle to reducer)

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

