

U. S. ATOMIC ENERGY COMMISSION
DIRECTORATE OF REGULATORY OPERATIONS
REGION I

RO Inspection Report No: 50-286/75-02

Docket No: 50-286

Licensee: Consolidated Edison Company

License No: CPPR-62

4 Irving Place

Priority: _____

New York, New York

Category: B1

Location: Indian Point 3, Buchanan, New York

Safeguards
Group: _____

Type of Licensee: PWR 3025 MWt (W)

Type of Inspection: Routine, Announced

Dates of Inspection: January 6-10, 1975

Dates of Previous Inspection: January 6-12, 20, 1975

Reporting Inspector: *A. N. Fasano*
A. N. Fasano, Reactor Inspector

1/22/75
DATE

Accompanying Inspectors: *T. A. Rebelowski*
T. A. Rebelowski, Reactor Inspector

1/22/75
DATE

A. B. Davis
A. B. Davis, Senior Reactor Inspector

1/22/75
DATE

J. N. Hannon
J. N. Hannon, Reactor Inspector

1/22/75
DATE

Other Accompanying Personnel: _____

DATE

Reviewed By: *A. B. Davis*
A. B. Davis, Senior Reactor Inspector
Reactor Operations Branch

1/22/75
DATE

8111050130 750122
PDR ADOCK 05000286
Q PDR

SUMMARY OF FINDINGS

Enforcement Action

A. Items of Noncompliance

None

B. Safety Items

None

Licensee Action on Previously Identified Enforcement Items

Not Inspected

Design Changes

Not Inspected

Unusual Occurrences

None Identified

Other Significant Findings

A. Current Findings

1. Status of Sequence Plan

Reference RO:I Report 50-286/73-08 page 2, paragraph 5. The startup sequence chart is complete, also the NSSS Startup Sequence procedure 7.1 is available for review. These documents are used in review of procedures and program conduct and are considered as references. This is not an open item.

2. Status of Facility Procedures

Reference RO:I Report 50-286/74-07, Details, Paragraph 3.

	<u>% Written</u>	<u>% Approved</u>
Plant Operating Procedures, POP	100	50
Plant Operating Instructions, POI	100	100

	<u>% Written</u>	<u>% Approved</u>
System Operating Procedures, SOP	100	50
Preventive Maintenance Procedures	100	0
Corrective Maintenance Procedures*	0	0
Emergency Operating Procedures	100	65
Alarm Procedures	100	0
Surveillance Procedures	88	0
Chemistry Procedures	100	100
Health Physics Procedures	100	100
Administrative Procedures	100	100

The status of the Facility Procedure will be reviewed during subsequent inspections.

3. Status of Crucial Reactor Program Completion

Reference RO:I Report 50-286/74-02, page 1, Paragraph A.b.

<u>Title</u>	<u>Status as of January 1975</u>
Emergency Procedures	100%
Security Procedures (1)	100%
Operational QA Program Implementation	100%
Review of Proposed Technical Specifications**	
Power Ascension Test Program Procedures	20%***
Environmental Monitoring Program Implementation	100%
Radiological Health Procedures	100%
Operating Procedures	****

(1) New Procedures may be required. This depends on changes to the status of Unit 3, (transfer of ownership is an example).

*Corrective maintenance is to be written as procedures and approved prior to performing a particular maintenance job. The refueling (maintenance) procedures are included in the plant operating procedures, POP.

**Expected to be complete prior to February 15, 1975.

***All the Power Ascension Test Program Procedures have been written. Currently this consists of 45 procedures. It is expected to have 100% approved by March 1, 1975.

****Expected to be complete by February 15, 1975 pending completion and final approval of Unit 3 Technical Specification.

The status of Crucial Facility Programs will be reviewed during subsequent inspections.

4. Evaluation of Licensees Test Results Review

The licensee has completed TP 4.5.11, "SIS 2 Check Valves."
(Details, Paragraph 7)

5. Verification of Approved Procedure Existence

A review of the status of the licensee's approved procedures was performed. (Details, Paragraph 8)

B. Status of Previously Reported Unresolved Items

1. Diesel Functional Test, INT-TP-1.40, and INT-TP-4.13.1

Reference RO:I Report 50-286/73-07,

	<u>Detail Paragraph(s)</u>
a) Revision Notation	6a, & 7b
b) Test Equipment	6b
c) Readiness for Test	6c
d) Prerequisites	6d
e) Precautions	6f, 7a, 6g
f) Signoff	6h, 7c, 7e
g) Generator output protection	6i
h) Procedure criteria	6j, & 6k
i) Final Conditions and Surveillance	6m
j) Data Sheets	7d
k) Testing of Support Systems	7f
l) Valve Lineup	7g

All above items related to these test procedures have been closed.

The details of these findings are in the Detail section of this report, paragraph 2.

2. Auxiliary Boiler Feed Pump Electrical Run-In INT-TP-1.41

Reference RO:I Report 50-286/73-07,

	<u>Detail Paragraph(s)</u>
a) Revision Notation	8a
b) Readiness for Test	8b

- c) Chemical Cleaning 8d
- d) Consistency, Data Blocks 8e
- e) Temperature Stabilization 8f

All items related to this test procedure are closed.

The details of these findings are in the Detail section of this report, paragraph 3.

3. Safety Injection System INT-TP-4.5.1 (8 Switch Sequence)

Reference RO:I Report 50-286/73-07,

	<u>Detail Paragraph</u>
a) Readiness for Test	11a
b) Sign off notation	11b
c) Valve lineup and Nomenclature	11c
d) Breaker Nomenclature	11d
e) Use of General Terms*	11e
f) Deficiency Documentation Provisions	11f
g) Caution and Precautions	11g
h) Enclosure of Valve Lineup checklist	11h
i) Readiness for Test, Prerequisites	11i
j) Operating Procedures	11j
k) Use of Letter Abbreviations	11k
l) Statement of Purpose for Series of Steps	11l

*Item 3e remains open; all other items related to this test procedure are closed.

The details of these findings are in the Detail section of this report, paragraph 4.

4. Radiation Monitoring System INT-TP-4.7.1

Reference RO:I Report 50-286/73-07,

	<u>Detail Paragraph</u>
a) Clarification of Terminology	9a
b) Validation of Initial conditions	9b
c) Clarification of time and speed	9c
d) Data Recording	9d

- | | |
|---------------------------------------|----|
| e) Valve Lists (Lineup) | 9e |
| f) Data Sheet References | 9f |
| g) Traceability of Items under Test | 9g |
| h) Acceptance Criteria | 9h |
| i) Data Sheets, - Acceptance Criteria | 9i |

Items 4a and 4b remain open.

The details of these findings are in the Detail section of this report, paragraph 5.

5. Reactor Coolant System, RCS, Flow Determinations
INT-TP-4.1.6

Reference RO:I Report 50-286/73-07,

Detail Paragraph

- | | |
|------------------------|----------|
| a) Special Equipment | 10a |
| b) Acceptance Criteria | 10b, 10c |

All items related to this test procedure are closed.

The details of these findings are in the Detail section of this report, paragraph 6.

6. Preoperational Test Program (FSAR Listing)

Reference RO:I Report 50-286/73-08,

Detail Paragraph 2

- a) Voice Communication
- b) Cold Hydrostatic
- c) Reactor containment High Pressure
- d) Hot Functional
- e) Preliminary and Secondary System Safety and Relief Valves.
- f) Spent Fuel Pit Cooling System
- g) Turbine Steam Seal and Blowdown System

The above tests have been addressed by the licensee and these items are considered closed.

- h) Containment Air Sampling System

This item remains open.

The details of these findings are in the Detail section of this report, paragraph 9.

Management Interview

A management interview was conducted with Mr. Cantone and staff on January 10, 1975 at the Indian Point site at the conclusion of the inspection.

Persons Present

Consolidated Edison

Mr. S. Cantone, Chief Engineer Unit 3
Mr. S. Zulla, Operations Engineer, Unit 3
Mr. W. Josiger, Test Engineer, Unit 3

USAEC

Mr. A. Davis, Senior Reactor Inspector
Mr. A. Fasano, Reactor Inspector
Mr. J. Hannon, Reactor Inspector
Mr. T. Rebelowski, Reactor Inspector

A. Scope and Findings of the Inspection

The licensee representatives were informed that there were no violations or safety items found during this inspection.

A review of previously inspected areas in the preoperational test program were re-addressed. The current review resulted in a majority of open items to be closed. The remaining open items were discussed, see Detail Section, paragraphs 4e, 5a, 5b, 9h, and 11.

DETAILS

1. Persons Contacted

Mr. S. H. Cantone, Chief Engineer Unit 3
Mr. W. Josiger, Test Engineer Unit 3 Startup
Mr. V. M. Perry, Superintendent, Field Operations
Mr. S. Zulla, Operations Engineer Unit 3
Mr. C. Caputo, Engineer Test

2. Diesel Generator Functional INT-TP 4.13.1

Reference RO:I Report 50-286/73-07, Detail Paragraph as noted.

The inspector reviewed the revised procedure which incorporated the testing previously performed under INT-TP 1.40. The following areas of concern are resolved:

a. Revision Notation

Reference RO:I Report 50-286/73-07, Detail 6a, 7b.

The licensee has included flow diagram and electrical drawing revision numbers to Section 2.0 of the procedure. This item is closed.

b. Test Equipment

Reference Detail 6b.

The licensee stated that no equipment other than normal test equipment strobes, tachometers, jumpers, amprobes etc. will be used. This item is closed.

c. Readiness for Test

Reference Detail 6c.

The licensee has revised the procedure to indicate what system conditions are required for testing and conditions of system (Pressure, Temperature of Fluid) in Test Procedure paragraph 4.0. This item is closed.

d. Prerequisites - Records and Forms

Reference Detail 6d.

The licensee requires in paragraph 4.4 a "Readiness of Testing Checklist" completion prior to testing. This item is closed.

e. Precautions - Numerical Values

Reference Detail 6f, 7a, 6g.

The licensee has included values for overspeed and overload in paragraph 3.4. The requirement to let engine cool prior to coldwater additions has been added to precautionary notes. These items are closed.

f. Sign Off in Procedure

Reference Detail 6h, 7c, 7e.

- 1) The licensee's revised procedure INT Administrative Procedure 1.0 and Addendum 1.1 address.
 - a) Shift Turnover requirements.
 - b) Method of instituting Test Changes.
- 2) The licensee's revised procedure INT-TP 4.13.1 has been modified to allow recording data of individual engine. These items are closed.

g. Generator Output Protection

Reference Detail 5

The licensee has addressed the protection of 480v busses by de-energizing or removal of control power fuses and protect equipment in paragraph 3.3. This item is closed.

h. Procedure Criteria Values

Reference Detail 6j, 6k.

The licensee has addressed minimum lube oil pressure in paragraph 4.18. Licensee stated that the pre-lube pressure is a measure of available oil and the sump low Lube Oil alarm is not required. This item is closed.

i. Final Conditions - Surveillance Procedure

Reference Detail 6m.

The licensee has addressed surveillance of the diesels in surveillance procedures 3PTD1, 3PTW1 and 3PTM22. These procedures address Lube Oil and jacking of engine. This item is closed.

j. Data Sheets

Reference Detail 7d.

The licensee has developed and included data sheets for diesel runs. This item is closed.

k. Testing of Support Systems

Reference Detail 7f.

The licensee has addressed;

- 1) Local and control room starts - (Paragraph 5)
- 2) Fuel Oil day tank level loss during load runs. (Data Sheets)
- 3) The number of diesel starts from a single air source. (Paragraph 5.10)
- 4) Load shedding and online sequencing of emergency loads will be demonstrated in test procedure INT-TP.

This items is closed.

l. Valve Lineups

Reference Detail 7g.

The licensee has added valve lineup sheets to procedure. This item is closed.

3. Auxiliary Boiler Feed Pump (Electrical Run-In)
INT-TP-1.41

Reference RO:I Report 50-286/73-07, Detail paragraph as noted.

The inspector reviewed the procedure and noted that the licensee has made changes that resolve previous concerns. The following have been resolved:

a. Revision Notation, Reference RO:I Report 50-286/73-07, Detail 8a

Revision numbers to referenced diagrams have been added. This item is closed.

b. Readiness for Test, Reference Detail 8b

The licensee has designated his "Readiness for Testing" Form to verify system status. This item is closed.

- c. Chemical Cleaning, Reference Detail 8d

Chemical Cleaning was not required. This item is closed.

- d. Consistency, Data Blocks, Reference Detail 8e

Data block for recording shutoff heads and stabilization temperatures have been added. This item is closed.

- e. Temperature Stabilization, Reference Detail 8f

The licensee has deleted the maximum time of hours to achieve stabilization. Stabilization is now based on temperature rise. This item is closed.

4. Safety Injection System, INT-TP-4.5.1 (8 Switch Sequence)

Reference RO:I Report 50-286/73-07, Detail paragraph as noted. The following items were reviewed and discussed with the licensee:

- a. Readiness for Test, Enclosures, and Prerequisites
Reference Detail 11a

The test procedure has been reissued and it addresses the requirement for completion of the readiness for testing checklist. This item is closed.

- b. Signoff Notation, Reference Detail 11b

The licensee has committed to the signing of each step of the prerequisite and details. Each step will be dated and initialed by WEDCO and Consolidated Edison representatives in the procedure margin. Signatures will also be on data sheets if attached to the procedure. (Reference Administrative directive for Conduct of Startup Testing, Admin-1.0)

This item is closed.

- c. Valve Lineup and Valve Nomenclature, Reference Detail 11c

The procedure has been changed to include verification notation of the status of the valve lineup. (Reference Section 6.0 of INT-TP-4.5.1)

This item is closed.

d. Breaker Nomenclature, Reference Detail 1ld

Breaker designation and function have been combined in paragraph 4.6 of INT-TP-4.5.1.

This item is closed.

e. Use of General Terms, Reference Detail 1le

The procedure has been changed in part to replace general terms with specific directions. Paragraph 4.9 and 5.4 remains to be evaluated.

Paragraph 6.12.2 will be clarified as to the meaning of "correct position."

This item remains open.

f. Deficiency Documentation Provisions, Reference Detail 1lf

The licensee has provided administrative instructions for the use of Test Deficiency Reports, TDRs, for the recording of deficiencies found in the course of performing the test.

This item is closed.

g. Caution and Precautionary Notes, Reference Details 1lg

Discussions with the licensee indicate that judgement would be made on a procedure by procedure basis for the inclusion of caution statements at the steps of the procedure. Further review of this procedure by the RO inspector has resulted in the agreement that for this test the notation of the precautions at the start of the procedure does not appear to mitigate safety. The specific item for this procedure is considered closed.

h. Enclosure for Valve Lineup Checklist, Reference Detail 1lh

The procedure has been changed to facilitate the notation of valve lineup and verification.

This item is closed.

i. Readiness for Test, Prerequisites, Reference Detail 1li

WEDCO Form 77263 for Safety Injection System (8 Switch Sequence) dated 5/12/74 was reviewed. The form addresses the preoperational test requirements. These requirements will be noted. The reviewed

form addressed support system requirements such as the SIS, Service Water System, and Auxiliary Water System.

This item is closed.

j. Operating Procedures, Reference Detail 11j

The procedure does contain valve listings and a clear notation as to the required position of the valves. The licensee has and will continue to review procedures for adequate inclusion of valve lineup and checklists.

This item is closed.

k. Use of Letter Abbreviations, Reference Detail 11k

The abbreviations found in this procedure appear to be understood by persons expected to perform the test. The licensee has agreed to check the panel notation abbreviation and will continue to review for abbreviations that may not be easily understood by the Trained Operator.

This item is closed.

l. Statement of Purpose for a Series of Procedural Steps, General Reference Detail 11l

The reissued procedure does not contain statements of purpose at the start of a sequence of steps. The licensee intends to attach the recirculation sequence description to the procedure for quick reference. This will provide clarification of a sequence of steps if required to facilitate the use of the test procedure.

This item is considered closed.

Test Procedure INT-TP-4.5.1, "Safety Injection System (8 Switch Sequencing)" remains to be approved by the JTG.

5. Radiation Monitoring System INT-TP-4.7.1

Reference RO:I Report 50-286/73-07, detail paragraphs as noted. The following items were reviewed and discussed with the licensee:

a. Clarification of Terminology, Reference Detail 9a

The licensee stated that paragraph 3.1 would be deleted from the procedure and will be addressed in the Readiness for Test, RFT,

documentation.

This item remains open pending the review of the RFT.

b. Validation of Initial Conditions, Reference Detail 9b

The licensee stated that paragraphs 3.1, 3.2, 3.3 will be deleted and the specific item will be addressed in the Readiness for Testing documentation. Paragraph 3.4 will remain in the procedure and also be addressed in the RFT. Paragraph 3.5 will be addressed in the RFT and a check of red line notation will be made and checked.

This item remains open pending the review of the RFT.

c. Clarification of time and speed, Detail 9c

The procedure specified that filter drive in the fast position should move at 30 inches/minute and that the filter drive in the operate position should move at 1 inch/hour.

The data sheet titled "Channel R-11/R-12 Flow Control System Data Sheet" has space for noting the measured events.

This item is closed.

d. Data Recording, Reference, Detail 9d

The procedure contains data sheets with space for the recording of vacuum gage readings.

This item is closed.

e. Valve Lists (Lineup), Reference Detail 9e

The procedure contains data sheets with valve designations and position notation.

This item is closed.

f. Data Sheet References, Reference Detail 9f

The Data sheet "Channel R-11" is understood and contains a designation for Automatic actions.

This item is closed.

g. Traceability of Items Under Test, Reference Detail 9g

Data sheet channel R-15 paragraph 3)4 Channel Functional Test contains notation of pumps and acceptance criteria that they "do not start."

This item is closed.

h. Acceptance Criteria, Reference Detail 9h

The procedure references "data sheet", which is understood to be "Hi Level Alarm Set Points Data Sheet," contains specific set point values.

This item is closed.

i. Data Sheets - Acceptance Criteria, Detail 9i

Acceptance criteria values and descriptions are found within the procedure. The method chosen makes data review of data recorded on data sheets less convenient to review.

This item is considered closed.

This test procedure remains to be approved by the JTG.

6. Reactor Coolant System, RCS, Flow Determination, INT-TP-4.1.6

Reference RO Report 50-286/73-07, Detail paragraphs as noted. The following items were reviewed and discussed with the licensee:

a. Special Equipment, Reference Detail 10a

The procedure, reference paragraph 3.4, contains reference to special equipment required and references for assurance of correct calibration.

Also, the data sheets contain space for recording the serial number of the equipment to be used in making the measurements.

This item is considered closed.

b. Acceptance Criteria, Reference Detail 10b, 10c

The test procedure specifies the T_{avg} to be $547^{\circ}\text{F} \pm 5^{\circ}\text{F}$ and that it shall be maintained while data is being taken, reference paragraph 3.1. The data sheets allow space for the recording of temperature and pressure. The procedure also addresses the requirement for final acceptance, reference paragraph 6.0.

This item is closed.

This procedure remains to be approved by the JTG.

7. Evaluation of Licensee Test Results Review

The licensee has completed the following test.

TP 4.5.11 SIS 2" Check Valves.

The inspector's review consisted of:

- a. Review of data sheets in areas of:
 1. Completion
 2. Data Recorded at proper intervals
 3. Data Verified per Admin 1.0.
- b. Reviewing that test deficiencies were noted.
- c. Reviewing that corrective action was performed.
- d. Acceptance criteria was verified by the licensee.
- e. Test analysis was reviewed by the appropriate level of technical expertise.

The completed test was reviewed and no unresolved deficiencies were noted. A test deficiency regarding a difference in prerequisite temperature of reactor coolant system was noted.

Deficiency was documented and resolved, the inspector has no further questions on this test. This item is closed.

8. Verification of Approved Procedure Existence

The inspector verified that approved preoperational procedures exist and that test objectives are consistent with test titles. The licensee has developed his procedures in accordance with the INT-ADMIN 1.0, Administrative guidelines for the Test Program. Draft procedures were reviewed and comments resolved prior to JTG approval per paragraph 2.0 of INT-ADMIN 1.0.

The following listing of procedures, with final dates of JTG approval have been issued by licensee.

<u>Title</u>	<u>Plumber (INT-TP)</u>	<u>Date JTG Approved</u>
Diesel Air Flush	1.45	3/2/73
Diesel Fuel System Check	1.47	9/5/74
Water Chemistry Requirements	2.0	11/22/74
General Strength and Tightness	3.0(Rev.2)	6/6/74
RCS Flow Coastdown	4.1.3	10/10/74
Power Relief Valve Oper	4.1.4	9/13/74
Passive Failure and L.H&H.H Recir	4.5.5	9/10/74
SIS Instrumentation	4.5.6	9/20/74
Check Valves (Hot)	4.5.7	11/6/74
Recirculating Pumps - Min Flow	4.5.8	11/2/74
Containment Spray and Filter Dousing Air	4.5.9	9/10/74
Recirculating Sump	4.5.10	9/13/74
SIS Check Valves	4.5.11	10/5/74
Hydrogen Recombine	4.11.2	12/5/74
Isolation Valve Seal Water	4.11.5	12/11/74
Penetration and Weld Channel Press	4.11.8	12/5/74
Containment Leak Rate	4.11.9	12/31/74
Post Accident Venting	4.11.11	9/10/74
Diesel Generators	4.13.1	11/14/74
Batteries and Chargers	4.13.2	3/14/74
Static Inverters	4.13.4	1/3/74
Freeze Protection	4.13.6	1/24/74
Aux BFP (Electrical) Run In	1.41	1/4/74
Aux BFP (Turbine) Run In	1.42	4/13/73
BFP (Turbine) Run In	1.48	9/23/74
Pressurizer Relief Tank	4.1.1	10/28/74
RCS Heatup	4.1.2	11/14/74
Pressurizer Pressure Control	4.1.5	12/6/74
In Core T/C & RTD Cal	4.1.8	11/19/74
RCS Cooldown	4.17	10/18/74
RTD Bypass Loop Flow	4.1.10	10/23/74
Charging Letdown and M.U.	4.2.1	11/9/74
Solid Press Control	4.2.2	10/17/74
Pressurizer Level Control	4.2.3	11/21/74
RHR P-O Check	4.3.2	11/1/74
RHR Performance	4.3.3	10/12/74
Liquid Processing	4.6.2	9/13/74
Rod Control-O.C.	4.9.1	9/13/74
Part Length Rod Checks	4.9.4	10/17/74
S. W. Funct Test	4.12.1	5/7/74
Cir. W. Funct Test	4.12.7	4/8/74

Feedwater Pumps	4.12.11	9/19/74
Sampling-Sec. Funct	4.12.12	12/4/74
S.G. Blowdown	4.12.17	11/12/74
Cond. Air Removal	4.12.20	10/17/74
S.D. Operation	4.12.21	10/23/74
S. G. Water Level	4.12.22	9/13/74
Aux. Feed Water Control	4.12.23	10/11/74
C. C. W.	4.12.25	11/13/73
R. Cont. Fan C. C.	4.11.12	8/12/74
Pressurizer Spray Flow	4.1.9	10/11/74
Component Cooling	4.3.1	10/26/74
Prim. S. S. Operation	4.4.1	11/1/74
Solid Processing	4.6.4	9/19/74
F. Evaporator Funct.	4.11.4	8/12/74
Hot Penetration Cooling	4.11.7	9/15/74
Position Indicator Checks	4.9.2	9/24/74
Containment Isolation Valve Leak Test	4.11.10	12/23/74
RVSS Cooling Water Piping Test	3.1.1	9/25/72

The licensee has not completed his approval of all preoperational tests. This item will be reviewed by inspector at a subsequent inspection. This item is open.

9. Preoperational Test Program (FSAR Listing) Reference RO:I Report 50-286/73-08, Details Paragraph 2

a. Voice Communication

The licensee has procedure 4.10.2, "Voice Communication Check Out", 12/5/74. This item is closed.

b. Cold Hydrostatic

The licensee has procedure 3.5, "Reactor Coolant System Cold Hydro, 10/17/74. This item is closed.

c. Reactor Containment High Pressure

The licensee has procedure 4.11.9, "Structural Integrity Test." This item is closed.

d. Hot Functional

This test has been addressed as a composite of preoperational tests conducted as an integrated test. This item is closed.

e. Primary and Secondary System Safety and Relief Valves

The licensee has procedure 3PT-R6, "Main Steam Safety Valves" and procedure 3PT-R5, "Pressurizer Safety Valve Settings". These

procedures have been modified for performance as part of the Unit 3 preoperational test program. This item is closed.

f. Spent Fuel Pit Cooling System

The component testing of this system was addressed in Phase I procedure 1.1.1, "Auxiliary Coolant System and in Phase II test procedure 4.3.1 "Auxiliary Cooling System Component Cooling." This item is closed.

g. Turbine Steam Seal and Blowdown System

The licensee has procedure 4.12.20, "Turbine Gland Steam Drains Condenser Air Removal System". This item is closed.

h. Containment Air Sampling System

A procedure remains to be written addressing this item. This item remains open.

10. Preoperational Tests To be Considered Reference RO:I Report 50-286/73-08, Details, Paragraph 2.

a. System Expansion and Restraint Tests

The licensee has procedure WEGR-0-55, "Thermal Expansion Test for Auxiliary Piping"; also "Thermal Displacement Test for the Primary Coolant Loop and the Supporting Structures; and Transient and Vibration Testing of Piping Systems and Components". Reference RO:I Report 50-286/74-02. This item is closed.

11. Test Data Retention Reference RO:I Report 50-286/73-08, Details, Paragraph 5.

The licensee intends to write a Phase III test control procedure. Data retention will be addressed. This item remains open.

12. City Water Procedure Reference RO:I Report 50-286/74-02, page 2, paragraph 2b.

The technical specification has been revised, reference revision 8, page 3.2-2 paragraph 7, to include city water piping and valve requirements. The subject is appropriately addressed in operating procedure. This item is closed.

13. Diesel Oil Supply

The licensee has SOP-EL-9, "Filling Diesel Oil Storage Tanks," approved 11/28/74. This item is closed.

14. Water Chemistry Requirements

Reference RO:I Report 50-286/73-07, Detail paragraph 3a.

The licensee has revised the test procedure, INT-TP-2.0, page 6, to include sampling frequencies. This item is closed.