

8/17/81

LZP INDEX

PAGE 4

| PROC. NO. | TITLE | REV. | REV DATE | DISKETT |
|-----------------|---|------|----------|---------|
| ZP 1330-24 | DETERMINATION OF REACTOR COOLANT HYDROGEN CONCENTRATION AT THE HIGH RADIATION SAMPLING SYSTEM | 00 | 10/81 | 03 |
| LZP 1330-25 | SAMPLING OF REACTOR COOLANT AT THE HIGH RADIATION SAMPLE SYSTEM | 01 | 3/82 | 03 |
| ZP 1330-26 | SAMPLING OF CONTAINMENT AIR AT THE HIGH RADIATION SAMPLING SYSTEM | 01 | 3/82 | 03 |
| LZP 1330-27 | SAMPLING OF REACTOR COOLANT OFF-GAS AT THE HIGH RADIATION SAMPLE SYSTEM | 01 | 3/82 | 03 |
| LZP 1330-28 | SAMPLING OF PROCESS WATERS CONTAINING RADIO-ACTIVITY AT THE HIGH RADIATION SAMPLING SYSTEM | 01 | 3/82 | 03 |
| ZP 1330-29 | SAMPLING AT THE HIGH RADIATION SAMPLING SYSTEM (VALVE OPERATION AT THE VALVE CONTROL PANEL) | 00 | 4/82 | 03 |
| LZP 1330-30 | TRANSFER OF WASTE FROM THE HRSS WASTE TANK AND WASTE PUMP | 00 | 11/81 | 03 |
| ZP 1330-31 & 50 | See next page | | | |
| ZP 1340-1 | IMPLEMENTING PROCEDURE FOR FIRE: FIRE MARSHALL | 01 | 9/81 | 02 |
| ZP 1340-2 | IMPLEMENTING PROCEDURE FOR FIRE: FIRE CHIEF (DESIGNATED SHIFT FOREMAN) | 01 | 9/81 | 02 |
| ZP 1340-3 | IMPLEMENTING PROCEDURE FOR FIRE: FIRE OFFICER #1 (COGNIZANT MAINTENANCE FOREMAN) | 01 | 9/81 | 02 |
| ZP 1340-4 | IMPLEMENTING PROCEDURE FOR FIRE: FIRE BRIGADE | 01 | 9/81 | 02 |
| ZP 1340-5 | IMPLEMENTING PROCEDURE FOR FIRE: FIRE COMPANY NO. 1 (MAINTENANCE PERSONNEL) | 01 | 8/81 | 02 |
| ZP 1360-1 | PROTECTIVE MEASURES FOR ON-SITE PERSONNEL | 03 | 7/81 | 02 |
| ZP 1360-2 | USE OF POTASSIUM IODIDE (KI) AS A THYROID BLOCKING AGENT | 00 | 7/81 | 03 |
| LZP 1360-4 | SEE NEXT PAGE | | | |
| ZP 1370-1 | RESCUE | 00 | 10/80 | 02 |
| LZP 1370-2 | PERSONNEL INJURIES | 01 | 11/80 | 02 |
| ZP 1370-3 | FIRST AID, DECONTAMINATION AND EVACUATION OF EXPOSED AND/OR CONTAMINATED CASUALTIES | 00 | 10/80 | 02 |
| ZP 1380-1 | CONTROL OF OIL SPILLS | 00 | 10/80 | 02 |

8205030219

SAMPLING AT THE HIGH RADIATION SAMPLING SYSTEM
(VALVE OPERATIONS AT THE HRSS VALVE CONTROL PANEL)

A. PURPOSE

This procedure is intended to be a prerequisite for all High Radiation Sampling System (HRSS) sampling procedures. This procedure delineates the steps required to line-up the sample source to the HRSS Sample Coolers for sampling during post-accident or normal operating conditions. This procedure allows sampling of Reactor Recirc Loop B, RWCU inlet and outlet, RHR Heat Exchanger A and B, Drywell Equipment and Floor drains, HRSS Waste Tank, and Containment Air.

B. REFERENCES

1. LZP 1330-21, "Determination of Reactor Coolant Chloride Concentration at the High Radiation Sampling System."
2. LZP 1330-23, "Determination of Reactor Coolant pH, Conductivity and Dissolved Oxygen Concentration at the High Radiation Sampling System."
3. LZP 1330-24, "Determination of Reactor Coolant Hydrogen Concentration at the High Radiation Sampling System."
4. LZP 1330-25, "Sampling of Reactor Coolant at the High Radiation Sampling System."
5. LZP 1330-26, "Sampling of Containment Air at the High Radiation Sampling System."
6. LZP 1330-27, "Sampling of Reactor Coolant Off-Gas at the High Radiation Sampling System."
7. LZP 1330-28, "Sampling of Process Waters Containing Radioactivity at the High Radiation Sampling System."
8. LZP 1330-30, "Transfer of Wastes From the HRSS Waste Tank and Waste Sump."

9. LQS-PS-01, "Process Sample System Verification."

C. PREREQUISITES

1. Establish communications with the Unit Nuclear Station Operator (NSO) and inform him of all valves opened or closed from the HRSS Valve Control Panel, OPLC9J.
2. It will be necessary, in a post-accident condition, to install jumpers to override isolation signals in accordance with the following:
 - a. Install a jumper between terminals AA-26 and BB-70 in panel 1(Z)H13-P623 to open valve 1(Z)B33-F020, RX WTR SAMPLE VLV.
 - b. Install a jumper between terminals AA-26 and BB-70 in panel 1(Z)H13-P622 to open valve 1(Z)B33-F019, RX WTR SAMPLE VLV.

D. PRECAUTIONS

1. A Regulatory Guide 1.3 or 1.4 release of fission products implies extremely high levels of radioactivity. Dose rates may be high enough to prevent entry into many areas of the plant that are normally habitable. Rad/Chem Supervision should be contacted prior to entry into any area when such a release of fission products is suspected.
2. Wear radiation dosimetry as recommended by Rad/Chem Supervision.
3. Wear protective clothing and respiratory protection as recommended by Rad/Chem Supervision.
4. Appropriate survey instruments should be available for monitoring during this procedure.
5. During a post-accident condition it will not be possible to change the valve line-up in the HRSS Cooler Room following sampling operations. Therefore, extreme care should be exercised when performing the initial valve line-up.

E. LIMITATIONS AND ACTIONS

1. Notify Rad/Chem Supervision if any problems are encountered at the HRSS panels.
2. This procedure, though intended for use under post-accident conditions, can be used for sampling at the HRSS panels during normal operations, during which the precautions listed may have limited applications. However, normal routine sampling precautions should be observed.
3. During sampling operations, the HRSS Waste Tank pressure should be observed on the Valve Control Panel, OPLC9J. In the event of the Waste Tank pressure reaching 35 psig, all sampling operations shall be secured until the waste gas in the waste Gas Hold-up Tank is transferred to a Suppression Pool in accordance with Reference 8.
4. The system electrical and mechanical checklists of Reference 9 should be performed once per month and following system maintenance or repair to ensure system readiness.

F. PROCEDURE

CAUTION

During a post-accident condition it will not be possible to change the valve line-up in the HRSS Cooler Room following sampling operations. Therefore, extreme care should be exercised when performing the initial valve line-up.

1. To sample drywell equipment drains, proceed to Step F.2. To sample the HRSS Waste Tank, proceed to Step F.3. To sample the containment air, proceed to Step F.4. To sample the reactor water, proceed in accordance with the following:
 - a. Perform the valve line-up in the HRSS Sample Cooler Room in accordance with the following:
 - 1) For Unit 2 sampling proceed in accordance with Step F.1.a.2); for Unit 1 sampling, proceed in accordance with the following:

LZP-1330-29
Revision 0
April 1, 1982
4

- a) 1E12-F413B, RHR Loop 1B HRSS Sample Manual Isolation, OPEN.
- b) 1E12-F413A, RHR Loop 1A HRSS Sample Manual Isolation, OPEN.
- c) 1B33-F359, RR Loop 1B HRSS Sample Downstream Manual Isolation, OPEN.
- d) 1B33-F360, RR Loop 1B HRSS Sample Upstream Manual Isolation, OPEN.
- e) 1B33-F361, RR Loop 1B Alternate Sampling Station Downstream Manual Isolation, CLOSED.
- f) 1B33-F362, RR Loop 1B Alternate Sampling Station Upstream Manual Isolation, CLOSED.
- g) 1G33-F362, Unit 1 RT Demin Inlet HRSS Sample Manual Isolation, OPEN.
- h) 1G33-F360, Unit 1 RT Demin Outlet HRSS Sample Manual Isolation, OPEN.
- i) 2G33-F360, Unit 2 RT Demin Outlet HRSS Sample Manual Isolation, CLOSED.
- j) 2B33-F361, RR Loop 2B Alternate Sample Station Downstream Manual Isolation, OPEN.
- k) 2B33-F362, RR Loop 2B Alternate Sample Station Upstream Manual Isolation, OPEN.
- l) 2B33-F359, RR Loop 2B HRSS Sample Downstream Manual Isolation, CLOSED.
- m) 2B33-F360, RR Loop 2B HRSS Sample Upstream Manual Isolation, CLOSED.
- n) 2E12-F413B, RHR Loop 2B HRSS Sample Manual Isolation, CLOSED.
- o) 2G33-F362, Unit 2 RT Demin Inlet HRSS Sample Manual Isolation, CLOSED.

- p) 2E12-F413A, RHR Loop 2A HRSS Sample Manual Isolation, CLOSED.
- q) Proceed to Step F.1.b.
- 2) For Unit 2 sampling proceed in accordance with the following:
 - a) 1E12-F413B, RHR Loop 1B HRSS Sample Manual Isolation, CLOSED.
 - b) 1E12-F413A, RHR Loop 1A HRSS Sample Manual Isolation, CLOSED.
 - c) 1B33-F359, RR Loop 1B HRSS Sample Downstream Manual Isolation, CLOSED.
 - d) 1B33-F360, RR Loop 1B HRSS Sample Upstream Manual Isolation, CLOSED.
 - e) 1B33-F361, RR Loop 1B Alternate Sampling Station Downstream Manual Isolation, OPEN.
 - f) 1B33-F362, RR Loop 1B Alternate Sampling Station Upstream Manual Isolation, OPEN.
 - g) 1G33-F362, Unit 1 RT Demin Inlet HRSS Sample Manual Isolation, CLOSED.
 - h) 1G33-F360, Unit 1 RT Demin Outlet HRSS Sample Manual Isolation, CLOSED.
 - i) 2G33-F360, Unit 2 RT Demin Outlet HRSS Sample Manual Isolation, OPEN.
 - j) 2B33-F361, RR Loop 2B Alternate Sample Station Downstream Manual Isolation, CLOSED.
 - k) 2B33-F362, RR Loop 2B Alternate Sample Station Upstream Manual Isolation, CLOSED.
 - l) 2B33-F359, RR Loop 2B HRSS Sample Downstream Manual Isolation, OPEN.

LZP-1330-29
Revision 0
April 1, 1982
6

- m) 2B33-F360, RR Loop 2B HRSS Sample
Upstream Manual Isolation, OPEN.
 - n) 2E12-F413B, RHR Loop 2B HRSS Sample
Manual Isolation, OPEN.
 - o) 2G33-F362, Unit 2 RT Demin Inlet HRSS
Sample Manual Isolation, OPEN.
 - p) 2E12-F413A, RHR Loop 2A HRSS Sample
Manual Isolation, OPEN.
- b. At the HRSS Valve Control Panel, OPLC9J, proceed
in accordance with the following:
- 1) Place the UNIT 1(2) POWER switch in the
OPERATE position.
 - 2) OPEN OMT-053, TBCCH IN VLV TO HRSS COOLER
RACK and OMT-054, TBCCH RIN VLV FROM HRSS
COOLER RACK, and verify the indication
shows OPEN.
 - 3) CLOSE the normal sample valve for all
systems and verify all indications show
CLOSED in accordance with the following:
 - a) 1(2)B33-F358, RR LOOP B TO NORM SAMPLE
VLV.
 - b) 1(2)G33-F355, RT DEMIN IN TO NORM
SAMPLE VLV.
 - c) 1(2)E12-F411A, A RHR LOOP TO NORM
SAMPLE VLV.
 - d) 1(2)E12-F411B, B RHR LOOP TO NORM
SAMPLE VLV.
 - e) 1(2)G33-F357A, A RT DEMIN CUT TO NORM
SAMPLE VLV.
 - f) 1(2)G33-F357B, B RT DEMIN CUT TO NORM
SAMPLE VLV.
 - g) 1(2)G33-F357C, C RT DEMIN CUT TO NORM
SAMPLE VLV.

c. Request the Unit NSQ perform the initial valve lineup of the sample line containment isolation valves on panel H13-P601 located in the Control Room for the sample to be obtained in accordance with the following:

- 1) I(2)B33-F019, RX WTR SAMPLE VLV; OPEN.
- 2) I(2)B33-F020, RX WTR SAMPLE VLV; OPEN.

NOTE

The following valve control switches must be held in the open position.

- 3) I(2)E12-F060A, RHR A SAMPLE LN VLV; OPEN.
- 4) I(2)E12-F060B, RHR B SAMPLE LN VLV; OPEN.
- 5) I(2)E12-F075A, RHR A SAMPLE LN VLV; OPEN.
- 6) I(2)E12-F075B, RHR B SAMPLE LN VLV; OPEN.

d. At the HRSS Valve Control Panel, OPLC9J, proceed in accordance with the following:

- 1) At the Liquid Sampling Panel (LSP), OPL08J, verify the valve line-up in accordance with the following:
 - a) RC-V-1.1, Reactor Recirc Loop B Sample Cutout Valve, CLOSED.
 - b) RC-V-1.2, RT Demin Inlet Sample Cutout Valve, CLOSED.
 - c) RC-V-1.3, RHR Loop A Sample Cutout Valve, CLOSED.
 - d) RC-V-1.4, RHR Loop B Sample Cutout Valve, CLOSED.
 - e) RC-V-1.5, RT Demin Outlet Sample Cutout Valve, CLOSED.
 - f) RC-V-2, Sample Source Isolation Valve, CLOSED.

LZP-1330-29
Revision 0
April 1, 1982
8

- g) RC-V-3 Sample Purge Cutout Valve OPEN.
 - h) RC-V-4 Flushing Water Isolation Valve CLOSED.
 - i) Connect the flush water hose to RC-D-1 on the LSP, QPLD8J, and open the flush water line valve.
- 2) OPEN the HRSS sample valve for the system to be sampled and verify the indication shows OPEN in accordance with the following:
- a) I(2)B33-F357, RR LOOP B TO HRSS SAMPLE VLV.
 - b) I(2)G33-F356, RT DEMIN IN TO HRSS SAMPLE VLV.
 - c) I(2)E12-F412A, A RHR LOOP TO HRSS SAMPLE VLV.
 - d) I(2)E12-F412B, B RHR LOOP TO HRSS SAMPLE VLV.
 - e) I(2)G33-F358A, A RT DEMIN OUT TO HRSS SAMPLE VLV.
 - f) I(2)G33-F358B, B RT DEMIN OUT TO HRSS SAMPLE VLV.
 - g) I(2)G33-F358C, C RT DEMIN OUT TO HRSS SAMPLE VLV.
- 3) At the LSP, QPLD8J, OPEN RC-V-1.1 (1.2, 1.3, 1.4, or 1.5) depending on the sample source.
- 4) At the LSP, QPLD8J, OPEN RC-VREL-1 until RC-FI-1 indicates 35-40 inches of water. Purge for a minimum of 20 minutes, then CLOSE RC-V-1.1 (1.2, 1.3, 1.4, or 1.5) depending on the sample source.
- 5) Proceed in accordance with the appropriate sampling procedures for the analyses to be performed.

- 6) Upon completion of sampling operations, CLOSE the HRSS sample valve opened in Step F-1.d.2) and verify the indication shows CLOSED. For sampling during normal operations, OPEN the normal sample valve closed in Step F-1.b.3) and verify the indications show OPEN.
 - 7) Place REACTOR COOLANT LIQUID SAMPLE BACKFLUSH switch to the sample line for the system sampled. Perform the system backflush in accordance with the sampling procedures for the analyses performed.
 - 8) Place the REACTOR COOLANT LIQUID SAMPLE BACKFLUSH switch in the OFF position. If no further sampling is to be performed, close QWT-053, TBCCW IN VLV TO HRSS COOLER RACK and QWT-054, TBCCW RTN VLV FROM HRSS COOLER RACK, and verify the indications show CLOSED.
 - 9) If no further sampling is to be performed, place the UNIT 1(2) POWER switch in the OFF position.
 - e. Inform the Unit NSQ that sampling operations are complete, and request that the Unit NSQ close the valves opened in Step F-1.c.
 - f. Following sampling operations during other than a post-accident condition, close or check closed the valves opened in Step F-1.a.1) or Step F-1.a.2).
2. To sample the drywell equipment drain sump or the drywell floor drains, proceed in accordance with the following:
- a. Request the Unit NSQ to verify the Drywell Sump Pumps are secured. If the pumps are running, request he secure the sump pumps by placing their control switches on Panel PM16J in the STOP position and holding them for a period of 30 seconds or until receipt of the PUMP START FAILURE alarms.

NOTE

Inform the Unit NSQ that if the Drywell Sump pumps receive an auto start signal during the sampling operation, the Unit NSQ should perform Step F.2.a to ensure the pumps do not run.

b. Request the Unit NSQ to perform the initial valve lineup of the sample line containment isolation valves on panel PM16J for the sample to be obtained in accordance with the following:

- 1) DRYWELL FLOOR DRAIN SUMP INBD ISOL VLV.
1(2)RF-012; OPEN.
- 2) DRYWELL FLOOR DRAIN SUMP OUTBD ISOL VLV.
1(2)RF-013; OPEN.
- 3) DRYWELL EQUIP DRAIN SUMP INBD ISOL VLV.
1(2)RE-024; OPEN.
- 4) DRYWELL EQUIP DRAIN SUMP OUTBD ISOL VLV.
1(2)RE-025; OPEN.
- 5) DRYWELL EQUIP DR SUMP RECIRC RET INBD.
1(2)RE-026; OPEN.
- 6) DRYWELL EQUIP DR SUMP RECIRC RET OUTBD.
1(2)RE-029; OPEN.

NOTE

Inform the Unit NSQ that during Steps F.2.c. through F.2.d. he must monitor the level of the drywell sumps as not to allow the drywell sump sample pump to run dry.

c. At the HRSS Valve Control Panel, OPLC9J, proceed in accordance with the following:

- 1) Place the UNIT 1(2) POWER switch in the OPERATE position.
- 2) OPEN OWT-053, TBCCW IN VLV TO HRSS COOLER RACK and OWT-054, TBCCW RTN VLV FROM HRSS COOLER RACK, and verify the indication shows OPEN.

LZP-1330-29
Revision 0
April 1, 1982
11

- 3) CLOSE I(Z)RF-021, NORM RF SUMP PUMP SUCT VLV, and verify the indication shows CLOSED.
- 4) CLOSE I(Z)RE-056, NORM RE SUMP PUMP SUCT VLV, and verify the indication shows CLOSED.
- 5) CLOSE I(Z)RE-058, DRYWELL EQUIP, DRN SMP NORM RECIRC RETURN, and verify the indication shows CLOSED.
- 6) To sample the drywell floor drain sump, OPEN I(Z)RF-022, RF SUMP TO DRYWELL SUMP SAMPLE PUMP VLV. To sample the drywell equipment drain sump, OPEN I(Z)RE-057, RE SUMP TO DRYWELL SUMP SAMPLE PUMP VLV. Then verify the indication shows OPEN.
- 7) START the HRSS SYSTEM DRYWELL SUMP SAMPLE PUMP, I(Z)RE-14P, and verify the pump is running by the light indication.
- 8) OPEN I(Z)RE-064, DRYWELL DRAINS RECIRC VLV, and verify the indication shows OPEN. Allow the sump to recirc for at least ten (10) minutes.
- 9) OPEN I(Z)RE-062, DRYWELL DRAIN SUMPS SAMPLE VLV, and verify the indication shows OPEN.
- 10) CLOSE I(Z)RE-064, DRYWELL DRAINS RECIRC VLV, and verify the indication shows CLOSED.
- 11) Turn the RAD WASTE LIQUID SAMPLE BACKFLUSH switch to the sample line for the unit being sampled and verify the indication shows OPEN.
- 12) Allow the sample lines to flush to the HRSS Waste Tank for at least ten (10) minutes.
- 13) Turn the RAD WASTE LIQUID SAMPLE BACKFLUSH switch to the OFF position and verify the indication shows CLOSED.

- 14) Proceed in accordance with the appropriate sampling procedures for the analyses to be performed.
- 15) Upon completion of the sampling operations, STOP the HRSS SYSTEM DRYWELL SUMP SAMPLE PUMP, 1(2)RE-14P, and verify the indication shows OFF.
- 16) Close the sump sample valve opened in Step F-2.c.6, and verify the indication shows CLOSED.
- 17) CLOSE 1(2)RE-062, DRYWELL DRAIN SUMPS SAMPLE VLV, and verify the indication shows CLOSED.

NOTE

If additional samples are to be obtained, repeat Steps F-2.a and F-2.c.6) through F-2.c.17) for each sample as appropriate.

- 18) Turn the RAD WASTE LIQUID SAMPLE BACKFLUSH switch to the sample line for the unit sampled and verify the indication shows OPEN. Perform the system backflush in accordance with the sampling procedures for the analyses performed.
- 19) Turn the RAD WASTE LIQUID SAMPLE BACKFLUSH switch to the OFF position and verify the indication shows CLOSED. If no further sampling is to be performed, CLOSE OWT-053, TBCCW IN VLV TO HRSS COOLER RACK, and OWT-054, TBCCW RTN VLV FROM HRSS COOLER RACK, and verify the indication shows CLOSED.
- 20) OPEN 1(2)RE-058, DRYWELL EQUIP DR SMP NORM RECIRC RETURN, and verify the indication shows OPEN.
- 21) OPEN 1(2)RE-056, NORM RE SUMP PUMP SUCT VLV, and verify the indication shows OPEN.
- 22) OPEN 1(2)RF-021, NORM RF SUMP PUMP SUCT VLV, and verify the indication shows OPEN.

- 23) Place the UNIT 1(2) POWER switch in the OFF position.
- d- Inform the Unit NSQ that the sampling operations are complete, and request that he close the valves opened in Step F.2.b. as required for primary containment or plant operations and reset the pump logic if tripped per Step F.2.a.
- 3- To sample the HRSS Waste Tank, proceed in accordance with the following at the HRSS Valve Control Panel, QPLC9J:
 - a- OPEN OPS-012, HRSS WASTE TK OUT VLV, and verify the indication shows OPEN.
 - b- START the HRSS WASTE PUMP A or B, OPS-01PA(B), and verify the pump is running by the light indication.
 - c- OPEN OPS-016, HRSS WASTE TK SAMPLE VLV, and verify the indication shows OPEN.
 - d- Allow the HRSS Waste Tank to recirc for a minimum of five (5) minutes.
 - e- Proceed in accordance with the appropriate sampling procedure.
 - f- Upon completion of the sampling operations, stop the HRSS WASTE PUMP and verify indication shows OFF.
 - g- CLOSE OPS-012, HRSS WASTE TK OUT VLV, and verify the indication shows CLOSED.
 - h- Perform the system backflush in accordance with the sampling procedure.
 - i- CLOSE OPS-016, HRSS WASTE TK SAMPLE VLV, and verify the indication shows CLOSED.
- 4- To sample the containment air, proceed in accordance with the following:
 - a- Request the Unit NSQ to perform the initial lineup at panel PM13J in accordance with the following:

- 1) Open the POST LOCA H2/O2 MON SYS B ISOL VALVES, 1(2)CM-021B, 1(2)CM-023B, and 1(2)CM-026B.
 - 2) Place the POST LOCA H2/O2 MON-SYS control switch in the OFF position.
- b. At the HRSS Valve Control Panel, OPLC9J, proceed in accordance with the following:
- 1) Place the UNIT 1(2) POWER switch in the OPERATE position.
 - 2) Place the HEAT TRACE - AIR SAMPLE LINES RX BLDG PORTION switch in the ON position.
 - 3) To obtain a drywell or suppression pool air sample, OPEN the following valves and verify the indication shows OPEN:
 - a) 1(2)CM-085, HRSS SYSTEM DRYWELL SUPPRESSION POOL AIR SAMPLE.
 - b) 1(2)CM-086 and 1(2)CM-087, HRSS SYSTEM DRYWELL SUPPRESSION POOL AIR SAMPLE.
 - c) 1(2)CM-088 and 1(2)CM-089, HRSS SYSTEM AIR RETURN TO SUPPRESSION POOL.
 - d) 1(2)CM-090, HRSS SYSTEM AIR RETURN TO SUPPRESSION POOL.
 - 4) To obtain a reactor building air sample, OPEN the following valves and verify the indication shows OPEN:
 - a) 1(2)CM-091, HRSS SYSTEM REACTOR BUILDING AIR SAMPLE.
 - b) 1(2)CM-088 and 1(2)CM-089, HRSS SYSTEM AIR RETURN TO SUPPRESSION POOL.
 - c) 1(2)CM-090, HRSS SYSTEM AIR RETURN TO SUPPRESSION POOL.
 - 5) Proceed in accordance with the appropriate sampling procedures for the analyses to be performed.

LZP-1330-29
Revision 0
April 1, 1982
15

6) Upon completion of the sampling operations, CLOSE or CHECK CLOSED the following valves and verify the indication shows CLOSED:

- a) 1(2)CM-085, HRSS SYSTEM DRYWELL SUPPRESSION POOL AIR SAMPLE.
- b) 1(2)CM-086 and 1(2)CM-087, HRSS SYSTEM DRYWELL SUPPRESSION POOL AIR SAMPLE.
- c) 1(2)CM-088 and 1(2)CM-089, HRSS SYSTEM AIR RETURN TO SUPPRESSION POOL.
- d) 1(2)CM-090, HRSS SYSTEM AIR RETURN TO SUPPRESSION POOL.
- e) 1(2)CM-091, HRSS SYSTEM REACTOR BUILDING AIR SAMPLE.

NOTE

If additional samples are to be obtained, repeat Steps F-4-b-3) through F-4-b-6) for each sample source.

7) PLACE the HEAT TRACE - AIR SAMPLE LINES RX BLDG PORTION switch in the OFF position.

8) Place the UNIT 1(2) POWER switch in the OFF position.

c- Inform the Unit NSQ that the sampling operations are complete and request that he return the valves operated in Step F-4-a- to their normal position as required for monitoring.

G- CHECKLISTS

1- None.

H- TECHNICAL SPECIFICATION REFERENCES

1- None.