APPLICANT'S EXHIBIT 55

LEAKAGE MONITORING TORUS, SANDBEDS & RX DRAIN

AR NUMBER: A2145130
RESPONSIBLE ORG: OEPB

APPROVED BY: YARNES,R
AR TYPE/SUBTYPE: RT ACT

RESP FOREMAN: OEPB OC PLANT ENG BAL PLT
MUC: C

MAINT UNIT FEG: OC 1 187 000
ATTACHMENTS: N

M/U COMPONENT ID: OC 1 187 F MISC 187

MAINT UNIT DESCR: DRYWELL AND TORUS (SEE NR01 & TORUS VESSEL)

EQUIP REQ'D MDOES: 5
QA CLASS: Q

PROCEDURE NUMBER:

EQ: Y

COMPONENT UPDATE: N
SAFE S/D: *
ASME SECTION XI: Y

BOM/PART UPDATE: N
POST MAINT TEST: Y

MOD NUMBER:
REPEAT/PEP NBR: N

NEXT DUE DATE: 16OCT05
TASK FREQUENCY: 0001

TECH SPEC DATE: UNIT: R

BUSINESS UNIT: 10105
PROJECT: 

CUSTOMER: SUB ACCT: 517010
PRODUCT: DEPARTMENT: 05330

OPERATING UNIT: 83

ACCOUNTING DATA

OCLR00029083
** RECURRING TASK WORK ORDER **

- **NUMBER**: R2088495  ACT
- **PRIORITY**: 5
- **STATUS**: ASIGNED  24OCT06
- **NBR OF ACTS**: 05
- **LAST UPDATE**: 05NOV06
- **PRINT DATE**: 05NOV06

---

**LEAKAGE MONITORING TORUS, SANDBEDS & RX DRAIN**

---

**WORK ORDER COMPONENTS**

- **COMPONENT ID**: OC 1 187  F  MISC 187
  - DRYWELL AND TORUS (SEE NR01 & TORUS VESSEL)
- **CHEM/RAD MAP**: ______  ______  ______
- **LOCATION**: MULTI QOQ  ASME SECTION XI: Y
- **QA CLASS**: Q  EQ: Y

---

**COMPLETION VERIFICATION**

- **PKG ASSEMBLED**: ______  ______  ______  ______  OTHER: ______
- **RESP FOREMAN**: ________________  REPEAT REQD: ______
- **SSV VERIF**: N
- **ASME/ISI BY**: ________________  COMPLETE DATE: ________________

---

**HISTORY VERIFICATION**

- **COMPNT UPDATE**: ________________  RMS DOC NBR: ________________
- **BILL OF MATLS**: ________________  RMS FTLM NBR: ________________
  - REPEAT REQD: A/R NBR: ________________
  - COMPLETE BY: ________________
- **HISTORY DATE**: ________________

---

**COMMENTS**

- **AS FOUNDED CONDITION**:
  - ACT 01: FIRST WALKDOWN COMPLETED WITH RX CAVITY FLOODED BY F. STULB  19OCT06
  - NO WATER WAS DETECTED IN THE POLY BOTTLES. FULL WALKDOWN  19OCT06
  - REPORT BEING GATHERED IN THE LR TEAM ROOM.  19OCT06
  - POLY BOTTLES WERE WALKED DOWN BY PETE TAMBURRO OR BOB BARBIERI  19OCT06
  - ON 10/16, 10/17, 10/18, AND 10/19. NO WATER WAS FOUND IN ALL  19OCT06
  - FIVE BOTTLE. NO WATER WAS FOUND ON TORUS ROOM FLOOR. SECTION  19OCT06
  - 6.1 OF WORK ORDER ENTERED BY PETE TAMBARRO  19OCT06
  - TROUGH DRAIN WAS WALKED DOWN BY PETE TAMBARRO ON 10/16, 10/17, 19OCT06
  - AND 10/18 PRIOR TO REACTOR CAVITY FLOOD UP. NO WATER WAS OBSERVED  19OCT06
  - FLOWING TO THE HUB DRAIN, ENTERED BY PTE TAMBARRO  SEC 6.2  19OCT06
  - ON 10/19 AT 8:00 AM APPROXIMATELY 12 HOURS AFTER REACTOR  19OCT06
  - CAVITY FLOOD UP THE TROUGH DRAIN LINE DOWNSTREAM OF V-18-131  19OCT06
  - WAS OBSERVED TO HAVE A SMALL CONTINUOUS STREAM OF WATER ENTERING  19OCT06
  - THE HUB DRAIN. THE SIZE OF THE STEAM WAS APPROXIMATELY PENCIL  19OCT06
  - SIZE AND ESTIMATED TO BY ABOUT 1 GPM.  SEC 6.2  19OCT06
RECURRING TASK WORK ORDER

NUMBER: R2088495 ACT

REPEAT MAINT: N PEP NBR: ________

ON 10/20 AT 1000

THE TROUGH DRAIN LINE DOWNSTREAM OF V-18-131

WAS OBSERVED BY BOB BARBIERI

TO HAVE A SMALL CONTINUOUS STREAM OF WATER ENTERING

THE HUB DRAIN. THE SIZE OF THE STEAM WAS APPROXIMATELY PENCIL

SIZE AND ESTIMATED TO BY ABOUT 1 GPM. SEC 6.2

ON 10/21 AT 13:30

THE TROUGH DRAIN LINE DOWNSTREAM OF V-18-131

WAS OBSERVED BY PETE TAMBURRO

TO HAVE A SMALL CONTINUOUS STREAM OF WATER ENTERING

THE HUB DRAIN. THE SIZE OF THE STEAM WAS APPROXIMATELY PENCIL

SIZE AND ESTIMATED TO BY ABOUT 1 GPM. SEC 6.2

ON 10/23 AT 13:30

PERFORMED WALK DOWN IN TORUS ROOM AND INSPECTED ALL 5 POLY BOTTLES.

ALL WERE DRY, AS WERE THE HOSES. LOOKED UNDER TORUS FOR SIGNS OF

WATER; NONE WAS PRESENT

ALSO INSPECTED HUB DRAIN ON 75'. THERE WAS A CONTINUOUS FLOW

CATEGORIZED AS A MODERATE SIZE PENCIL STREAM. THIS WAS CONSISTENT

WITH PREVIOUS INSPECTIONS.

R. BARBIERI

ON 10/24 AT 10:30

PERFORMED WALK DOWN IN TORUS ROOM. INSPECTED ALL 5 POLY BOTTLES AND

CONNECTING TUBING. NO WATER OBSERVED. ALSO INSPECTED UNDER TORUS IN

ALL BAYS. NO WATER PRESENT.
RECURRING TASK WORK ORDER

NUMBER: R2088495

PRIORITY: 5

STATUS: ASIGNED

NBR OF ACTS: 5

LAST UPDATE: 05NOV06

PRINT DATE: 05NOV06

APPLICANT'S EXHIBIT 55

W/O DESC

LEAKAGE MONITORING TORUS, SANDBEDS & RX DRAIN

PAGE: 04

REPEAT MAINT: N  PEP NBR: 

PERFORMED INSPECTION OF REACTOR CAVITY TROUGH DRAIN ON 75'. LEAKAGE 24OCT06

IS CONSISTENT WITH PAST INSPECTIONS. LEAKAGE IS STILL A MODERATE 24OCT06

PENCIL STREAM AND IS STEADY.

R. BARBIERI 24OCT06

10/25/06 20:30

PERFORMED INSPECTION OF REACTOR CAVITY TROUGH DRAIN ON 75' ELEVATION 25OCT06

THERE WAS A PENCIL STREAM - NO CHANGE IN FLOW. PERFORMED WALK DOWN 25OCT06

OF ALL 5 POLY BOTTLES IN TORUS ROOM. THERE WAS NO WATER PRESENT IN 25OCT06

ANY OF THE BOTTLES. WATER ON THE FLOOR TO THE LEFT OF NORTHEAST 25OCT06

CORNER ROOM DOOR (BAY 17). WATER WAS NOTED DRIPPING FROM ABOVE AT 25OCT06

ABOUT 60+ DROPS PER MINUTE AND IS ALSO RUNNING DOWN THE SIDE OF THE 25OCT06

TORUS AND COLLECTING UNDERNEATH.

K. STULb 25OCT06

10/26/06 14:30

INSPECTED TORUS ROOM FOR SIGNS OF WATER. ALL 5 POLY BOTTLES WERE 26OCT06

EMPTY. NOTED PUDDLE ON FLOOR NEAR DRYWELL WALL IN BAY 11 (THE POLY- 26OCT06

BOTTLE IN BAY 11 WAS EMPTY). DID NOT APPEAR THAT DRYWELL WAS WET.

BUT NEED ADDITIONAL INSPECTION TO DETERMINE SOURCE. NOTE THAT 1-6 26OCT06

SUMP WAS TAGGED OUT AND WAS OVERFLOWING. THIS COULD BE THE CAUSE OF 26OCT06

WATER IN BAY 11. IR SUBMITTED.

R. BARBIERI 26OCT06

10/27/06 14:30

INSPECTED TROUGH DRAIN. NO CHANGE FROM PREVIOUS INSPECTIONS. PENCIL 27OCT06

STREAM NOTED.

R. BARBIERI 27OCT06

10/28/06 14:00

INSPECTED TROUGH DRAIN AND NO CHANGE FROM PREVIOUS INSPECTIONS. 28OCT06

THE LEAKAGE WAS PENCIL STREAM SIZE.

INSPECTED TORUS ROOM AND ALL 5 BOTTLES WERE EMPTY. NO WATER ON FLOOR 28OCT06

EXCEPT IN BAY 11 AS NOTED PREVIOUSLY. 28OCT06

DUE TO THIS WATER IN BAY 11, PERFORMED WALKDOWN ON TOP OF TORUS.

NOTED WATER LEAKING FROM AROUND VENT PIPE. ABOUT 1 DROP EVERY 10 28OCT06

SECONDS. PETE TAMBARURO ENTERED TUNNEL AND INSPECTED INSIDE OF SAND 28OCT06

BED. THERE WAS NO WATER PRESENT IN SAND BED AREA OR IN THE TUNNEL.

R. BARBIERI 28OCT06

10/29/06 13:10

INSPECTED TROUGH DRAIN AND NO CHANGE FROM PREVIOUS INSPECTIONS. 29OCT06

THE LEAKAGE WAS PENCIL STREAM SIZE.

INSPECTED TORUS ROOM AND ALL 5 BOTTLES WERE EMPTY. NO WATER ON FLOOR 29OCT06

EXCEPT IN BAY 11 AS NOTED PREVIOUSLY. PETE TAMBARURO 29OCT06
RECURRING TASK WORK ORDER

APPLICANT'S EXHIBIT 55

---

W/O DESC: LEAKAGE MONITORING TORUS, SANDBEDS & RX DRAIN

---

REPEAT MAINT: N  PEP NBR: ---

30OCT06

10/30/06 21:30

PERFORMED INSPECTION OF REACTOR CAVITY TROUGH DRAIN ON 75' ELEVATION 30OCT06

THERE WAS A PENCIL STREAM - NO CHANGE IN FLOW. PERFORMED WALK DOWN 30OCT06

OF ALL 5 POLY BOTTLES IN TORUS ROOM. THERE WAS NO WATER PRESENT IN 30OCT06

ANY OF THE BOTTLES. WATER ON THE FLOOR AND UNDER TORUS 1 BAY TO THE 30OCT06

LEFT OF NORTHEAST CORNER ROOM DOOR. WATER ON FLOOR 2-3 BAYS RIGHT 30OCT06

OF NORTHEAST CORNER ROOM DOOR. THERE WAS WATER ON THE FLOOR UNDER 30OCT06

THE TORUS NEAR BAY 11 BOTTLE AS NOTED IN PREVIOUS INSPECTIONS. 30OCT06

FRANK STULB 30OCT06

10/31/06 13:30

31OCT06

INSPECTED TROUGH DRAIN AND NO CHANGE FROM PREVIOUS INSPECTIONS. A 31OCT06

PENCIL STREAM WAS NOTED. 31OCT06

INSPECTED POLY BOTTLES IN TORUS ROOM. ALL WERE EMPTY. NO WATER FOUND 31OCT06

EXCEPT AS PREVIOUSLY NOTED. 31OCT06

R. BARBIERI 31OCT06

11/01/06 17:30

01NOV06

INSPECTED TROUGH DRAIN AND NO CHANGE FROM PREVIOUS INSPECTIONS. A 01NOV06

PENCIL STREAM WAS NOTED. 01NOV06

INSPECTED POLY BOTTLES IN TORUS ROOM. ALL WERE EMPTY. NO WATER FOUND 01NOV06

EXCEPT AS PREVIOUSLY NOTED. 01NOV06

PETE TAMBURO 11/1/06 01NOV06

11/03/06 00:20 MIKE HAND

03NOV06

INSPECTED TROUGH DRAIN AND NO CHANGE FROM PREVIOUS INSPECTIONS. A 03NOV06

INSPECTED POLY BOTTLES IN TORUS ROOM. ALL WERE EMPTY. NO WATER FOUND 03NOV06

ENTERED BY PETE TAMBURO ON 11/3/06 A 7:14 03NOV06

11/03/06 15:30

03NOV06

ADDITIONAL INSPECTIONS PERFORMED DURING FLOOD UP WERE AS FOLLOWS: 03NOV06

INSPECTED CEILINGS ON 75' FOR SIGNS OF WATER ON A DAILY BASIS. NO 03NOV06

WATER WAS FOUND. ALSO INSPECTED PIPE PENETRATIONS INTO THE POOLS AND 03NOV06

CAVITY, AND NO WATER WAS FOUND. 03NOV06

A. HERTZ INSPECTED ELECTRICAL PENETRATIONS AND FOUND NO 03NOV06

SIGNS OF WATER. 03NOV06

THE 2 EQUIPMENT POOL DRAINS WERE ALSO INSPECTED ON A DAILY BASIS. NO 03NOV06

WATER WAS OBSERVED FROM THESE DRAINS. 03NOV06

R. BARBIERI 03NOV06

ON 11/3/06 AT 16:30 THE TROUGH DRAIN WAS INSPECTED AND NO WATER 03NOV06

WAS OBSERVED FLOWING FROM THE DRAIN. PLEASE NOTE REACTOR 03NOV06

CAVITY DRAIN DOWN WAS COMPLETED A 1 AM ON 11/3/06 03NOV06

PETE TAMBURO 03NOV06

11/03/06 20:30

03NOV06

PERFORMED WALK DOWN OF ALL 5 POLY BOTTLES IN TORUS ROOM. THERE WAS 03NOV06

NO WATER PRESENT IN ANY OF THE BOTTLES. 03NOV06

FRANK STULB 03NOV06
<table>
<thead>
<tr>
<th>RECURRING TASK WORK ORDER</th>
<th>**</th>
<th>*******</th>
<th>**</th>
</tr>
</thead>
<tbody>
<tr>
<td>**</td>
<td>*******</td>
<td>**</td>
<td>***</td>
</tr>
<tr>
<td>**</td>
<td>*******</td>
<td>**</td>
<td>***</td>
</tr>
<tr>
<td>**</td>
<td>*******</td>
<td>**</td>
<td>***</td>
</tr>
<tr>
<td>**</td>
<td>*******</td>
<td>**</td>
<td>***</td>
</tr>
<tr>
<td>**</td>
<td>*******</td>
<td>**</td>
<td>***</td>
</tr>
<tr>
<td>**</td>
<td>*******</td>
<td>**</td>
<td>***</td>
</tr>
<tr>
<td>**</td>
<td>*******</td>
<td>**</td>
<td>***</td>
</tr>
<tr>
<td>**</td>
<td>*******</td>
<td>**</td>
<td>***</td>
</tr>
<tr>
<td>**</td>
<td>*******</td>
<td>**</td>
<td>***</td>
</tr>
<tr>
<td>**</td>
<td>*******</td>
<td>**</td>
<td>***</td>
</tr>
</tbody>
</table>

**NUMBER**: R2088495 **ACT**

**PRIORITY**: 5

**STATUS**: ASIGNED 24OCT06

**NBR OF ACTS**: 05

**LAST UPDATE**: 05NOV06

**PRINT DATE**: 05NOV06

---

### LEAKAGE MONITORING TORUS, SANDBEDS & RX DRAIN

**W/O DESC**

---

**REPEAT MAINT**: N **PEP NBR**: ________

**REFERENCE ACTIVITY** 03 BOROSCOPE OF THE 5 SANDBED DRAINS WERE 04NOV06 PERFORMED ON 10/210/06. THE INSPECTION FOUND THAT THE DRAIN 04NOV06 IN BAY 7 WAS BLOCKED. TR 547236 WAS ISSUED. 04NOV06 11/04/04 23:30 05NOV06 PERFORMED WALK DOWN OF ALL 5 POLY BOTTLES IN TORUS ROOM. THERE WAS 05NOV06 NO WATER PRESENT IN ANY OF THE BOTTLES. THIS IS THE LAST INSPECTION 05NOV06 OF THE POLY BOTTLES FOR 1R21. THE PM FOR THE QUARTERLY INSPECTIONS 05NOV06 DURING THE OPERATING CYCLE SHOULD BE INITIATED. 05NOV06

**FRANK STULB**

**AS LEFT CONDITION:**

**A03**: REVIEW OF VIDEO AFTER DRAIN WAS CLEARED WAS SATISFACTORY. ALL 30OCT06 DRAINS ARE NOW CLEAR. 30OCT06

**A03 AND A04**: VERIFICATION OF THE SAND BED DRAINS AS BEING CLEAR WAS 31OCT06 PERFORMED BY PETER TAMBURRO AFTER THE COMPLETION OF THE CLEANING 31OCT06 REQUIRED BY TR 547236 ON BAYS 7 AND 11. ALL SAND BED DRAINS ARE NOW 31OCT06 VERIFIED CLEAR BASE ON THE REVIEW OF THE VIDEO BY PETER TAMBURRO 31OCT06 THIS WAS VERIFIED BY DAN BARNES AND DOCUMENTED HERE BY TOM QUINTENZ 31OCT06 31OCT06

**TEQ0**

**WORK PERFORMED:**

**A02** SUPPORT NOT REQUIRED.