

1

VCM LEAK SURVEY

-VINYL AREA-

DATE :

INSPECTOR:

2-5-82

Jerry Roberts

LOCATION:

I. New Reactor Area - Reactor Module

A. Ground Level

1. 741 Charge Valve
2. Directly Under 741
3. 742 Charge Valve
4. Directly Under 742
5. 743 Charge Valve
6. Directly Under 743
7. 744 Charge Valve
8. Directly Under 744
9. Sweco (Area)

0

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0

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0

0

2

B. Third Level (Top of Reactors)

1. 741 Lenape Seal
2. 741 Condenser Bottom Seal
3. 741 Recovery Valve
4. 741 Rinse Water Line
5. 742 Lenape Seal
6. 742 Condenser Bottom Seal
7. 742 Recovery Valve
8. ~~741~~-Rinse Water Line
9. 743 Leanpe Seal
10. 743 Condenser Bottom Seal

0

1

0

2

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6

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0

B. Third Level (Top of Reactors) (Cont.)

11. 743 Recovery Valve	_____	_____	_____	_____	<u>0</u>
12. 743 Rinse Water Line	_____	_____	_____	_____	<u>0</u>
13. 744 Lenape Seal	_____	_____	_____	_____	<u>0</u>
14. 744 Condenser Bottom Seal	_____	_____	_____	_____	<u>0</u>
15. 744 Recovery Valve	_____	_____	_____	_____	<u>0</u>
16. 744 Rinse Water Line	_____	_____	_____	_____	<u>0</u>
17. Steam Jet Exhaust	_____	_____	_____	_____	<u>0</u>

C. Top of Condensers

1. 741 Condensor Seal	_____	_____	_____	_____	<u>0</u>
2. 741 Condensor Valve	_____	_____	_____	_____	<u>0</u>
3. 742 Condensor Seal	_____	_____	_____	_____	<u>240</u>
4. 742 Condensor Valve	_____	_____	_____	_____	<u>J.D</u>
5. 743 Condensor Seal	_____	_____	_____	_____	<u>0</u>
6. 743 Condensor Valve	_____	_____	_____	_____	<u>0</u>
7. 744 Condensor Seal	_____	_____	_____	_____	<u>0</u>
8. 744 Condensor Valve	_____	_____	_____	_____	<u>0</u>

II. New Reactor Area - Recovery UnitA. 2nd Floor

1. 901 (South) Vacuum Pump Seal	_____	_____	_____	_____	<u>0</u>
2. 901 (South) Vacuum Pump Overflow	_____	_____	_____	_____	<u>0</u>
3. 902 (North) Vacuum Pump Seal	_____	_____	_____	_____	<u>0</u>
4. 902 (North) Vacuum Pump Overflow	_____	_____	_____	_____	<u>0</u>
5. 903 Recovery Compressor SEal	_____	_____	_____	_____	<u>0</u>
6. 903 Recovery Compressor Overflow	_____	_____	_____	_____	<u>0</u>
7. 904 Recovery Compressor Seal	_____	_____	_____	_____	<u>0</u>
8. 904 Recovery Compressor Overflow	_____	_____	_____	_____	<u>0</u>
9. 905 Recovery Compressor Seal	_____	_____	_____	_____	<u>0</u>
10. 905 Recovery Compressor Overflow	_____	_____	_____	_____	<u>0</u>

II. New Reactor Area - Recovery Unit (Cont.)A. 2nd Floor (Cont.)

11. VCM Collection Tank (Area)	_____	_____	_____	_____	<u>0</u>
12. East Recovery Condensor (Area)	_____	_____	_____	_____	<u>0</u>
13. West Recovery Condensor (Area)	_____	_____	_____	_____	<u>0</u>

B. Ground Level

1. East VCM Storage Tank Bottom (Area)	_____	_____	_____	_____	<u>0</u>
2. East VCM Storage Tank Top (Area)	_____	_____	_____	_____	<u>0</u>
3. Middle VCM Storage Tank Bottom (Area)	_____	_____	_____	_____	<u>0</u>
4. Middle VCM Storage Tank Top (Area)	_____	_____	_____	_____	<u>0</u>
5. West VCM Storage Tank Bottom (Area)	_____	_____	_____	_____	<u>0</u>
6. West VCM Storage Tank Top (Area)	_____	_____	_____	_____	<u>0</u>
7. East (894) Rec. VCM Return Pump Seal	_____	_____	_____	_____	<u>0</u>
8. West (893) Rec. VCM Return Pump Seal	_____	_____	_____	_____	<u>0</u>
9. South (891) Seal Water Separator Pump Seal	_____	_____	_____	_____	<u>0</u>
10. North (892) Seal Water Separator Pump Seal	_____	_____	_____	_____	<u>0</u>
11. Seal Water Filter Pack Head	_____	_____	_____	_____	<u>0</u>
12. East Rec. VCM Charge Pump Seal	_____	_____	_____	_____	<u>0</u>
13. East Rec. VCM Charge Pump Overflow	_____	_____	_____	_____	<u>0</u>
14. West Rec. VCM Charge Pump Seal	_____	_____	_____	_____	<u>0</u>
15. West Rec. VCM Charge Pump Overflow	_____	_____	_____	_____	<u>0</u>
16. Rec. VCM Filter Pack Head	_____	_____	_____	_____	<u>0</u>
17. East Rec. Charge Pump Seal	_____	_____	_____	_____	<u>0</u>
18. East VCM Charge Pump Valve	_____	_____	_____	_____	<u>0</u>
19. West VCM Charge Pump Seal	_____	_____	_____	_____	<u>0</u>

II. New Reactor Area - Recovery Unit (Cont.)B. Ground Level (Cont.)

20. West VCM Charge Pump Valve	_____	_____	_____	_____	0
21. North Fresh VCM Filter Pack Head	_____	_____	_____	_____	0
22. South Fresh VCM Filter Pack Head	_____	_____	_____	_____	0

III. Old Reactor Area - RecoveryA. Area West of V-11

1. Middle VCM Receiver, Top (Area)	_____	_____	_____	_____	0
2. Middle VCM Receiver, Bottom (Area)	_____	_____	_____	_____	0
3. South VCM Receiver, Top (Area)	_____	_____	_____	_____	0
4. South VCM Receiver, Bottom (Area)	_____	_____	_____	_____	0
5. 401 Receiver, Top (Area)	_____	_____	_____	_____	0
6. 401 Receiver, Bottom (Area)	_____	_____	_____	_____	0
7. VCM Transfer Pump (under South Receiver)	_____	_____	_____	_____	0
8. East VCM Charge Pump Seal	_____	_____	_____	_____	0
9. West VCM Charge Pump Seal	_____	_____	_____	_____	0
10. Rec. VCM Filter Pack Head	_____	_____	_____	_____	0
11. North, Fresh VCM Filter Pack Head	_____	_____	_____	_____	0
12. South, Fresh VCM Filter Pack Head	_____	_____	_____	_____	0
13. Blowdown Tank Relief Vent (Platform)	_____	_____	_____	_____	0
14. West VCM Return Pump Seal	_____	_____	_____	_____	0
15. East VCM Return Pump Seal	_____	_____	_____	_____	0

B. 1st Floor - V-11 (Area)

_____	_____	_____	_____	0
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C. 2nd Floor

1. A (East) Vacuum Pump, Seal	_____	_____	_____	_____	0
2. B (West) Vacuum Pump, Seal	_____	_____	_____	_____	0
3. East Recovery Compressor Seal	_____	_____	_____	_____	0
4. West Recovery Compressor Seal	_____	_____	_____	_____	0
5. North Recovery Compressor Seal	_____	_____	_____	_____	0

IV. Old Reactor Area - Reactor ModuleA. Top of Reactors

1. East Steam Jet Exhaust	_____	_____	_____	_____	0
2. West Steam Jet Exhaust	_____	_____	_____	_____	0
3. D-300 Condensor Top Seal	_____	_____	_____	_____	0
4. D-300 Condensor Bottom Seal	_____	_____	_____	_____	0
5. D-300 Lenape Manway Seal	_____	_____	_____	_____	0
6. D-400 Condensor Top Seal	_____	_____	_____	_____	500 J.D.
7. D-400 Condensor Bottom Seal	_____	_____	_____	_____	0
8. D-400 Lenape Manway Seal	_____	_____	_____	_____	0
9. D-500 Condensor Bottom Seal	_____	_____	_____	_____	0
10. D-500 Condensor Bottom Seal	_____	_____	_____	_____	0
11. D-500 Lenape Manway Seal	_____	_____	_____	_____	0
12. D-600 Condensor Top Seal	_____	_____	_____	_____	0
13. D-600 Condensor Bottom Seal	_____	_____	_____	_____	0
14. D-600 Lenape Manway Seal	_____	_____	_____	_____	0

B. Bottom of Reactors

1. D-300 Dump Valve	_____	_____	_____	_____	0
2. D-400 Dump Valve	_____	_____	_____	_____	0
3. D-500 Dump Valve	_____	_____	_____	_____	0
4. D-600 Dump Valve	_____	_____	_____	_____	0
5. VCM Charge Manifold Line	_____	_____	_____	_____	0
6. VCM Charge Manifold Line (Area)	_____	_____	_____	_____	0
7. Batch water stripper South vessel CV 955 Valve stem	_____	_____	_____	_____	110 J.D.

V. VCM Tank Farm

1. #1 Compressor (North)	_____	_____	_____	_____	1000 J.D
2. #2 Compressor	_____	_____	_____	_____	110 J.D
3. #3 Compressor	_____	_____	_____	_____	90 J.D
4. #4 Compressor (South)	_____	_____	_____	_____	0
5. Railcar Connection, North Station	_____	_____	_____	_____	No Railcar at Station
6. Railcar Connection, Middle Station	_____	_____	_____	_____	No Railcar at Station
7. Railcar Connection, South Station	_____	_____	_____	_____	No Railcar at Station
8. North VCM Charge Pump (S. of Sphere)	_____	_____	_____	_____	0
9. South VCM Charge Pump (S. of Sphere)	_____	_____	_____	_____	0