

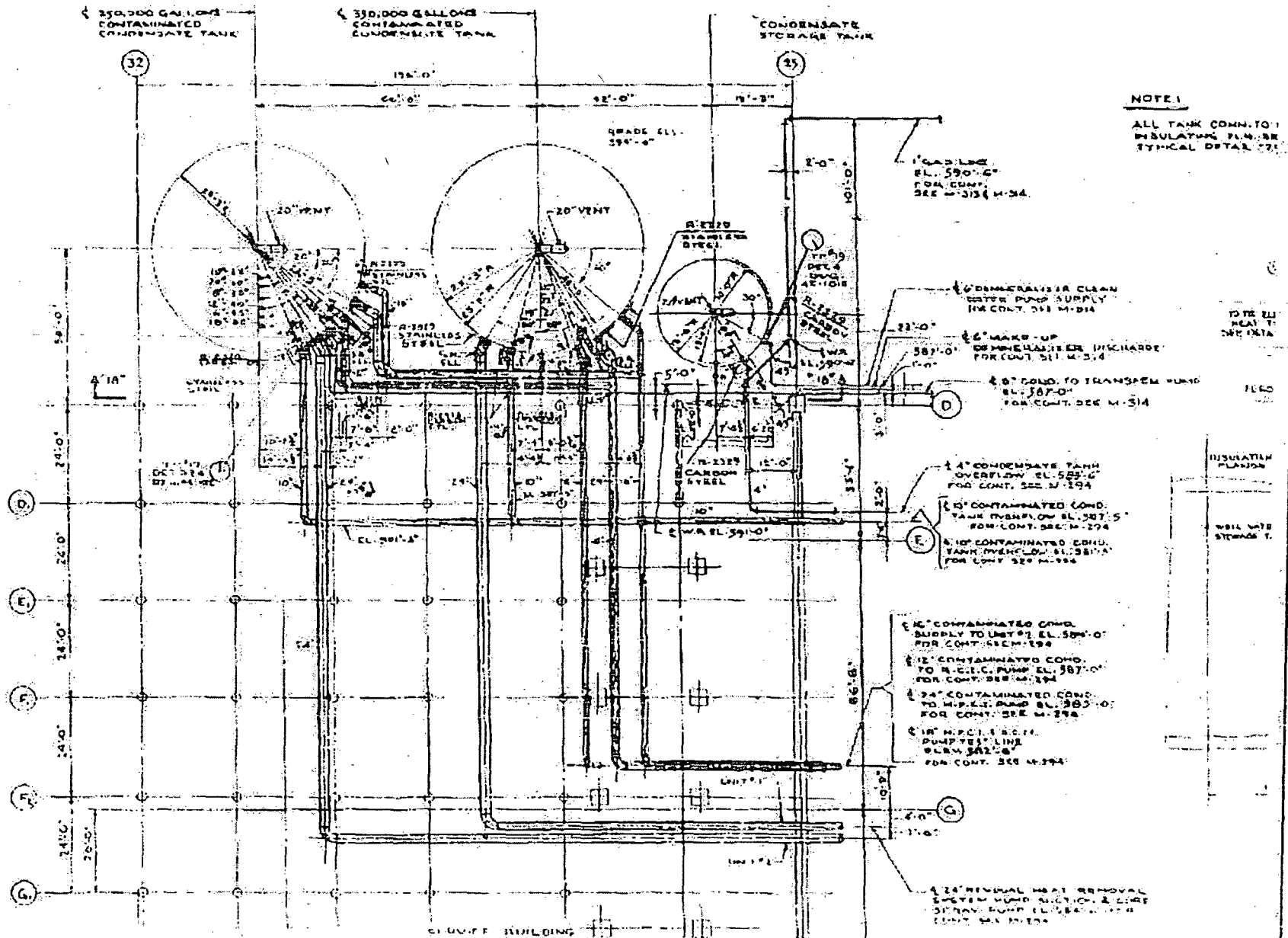
Release A6c

2008 Tritium Plan

4/23/2008

H-65

Map of lines



Status Matrix of lines tested

Line No.	Description	Isolation	LCO	Guided wave	Tracer Gas	Comments
1-3340-24"	U-1 RHR pump suction from CCST	Plug		No areas of concern	N/A	Groundwater sample wells indicate higher activity when plug removed
0-2342A-18"	U-1 & U-2 HPCI-RCIC test return line		14 day	(2) areas of interest	11/15/2007	Line had expansion loop installed early 1990's
0-2301A-24"	U-1 & U-2 HPCI pump suction from CCST	Plug	14 day ATR	(4) areas of interest	Complete	No evidence of leakage
0-3345-10"	B' CCST level switch column & overflow	Plug		Needs scheduled	N/A	No evidence of leakage
0-1301A-12"	U-1 & U-2 RCIC & 1/2 SSMP pump suction from CCST	Plug	14 day	(2) areas of interest	Complete	No evidence of leakage
0-3348-10"	A' CCST level switch column & overflow	Plug Required Install 11-20		Needs scheduled	Complete	Needs tested
2-3340-24"	U-2 RHR pump suction line	Plug		No areas of interest	N/A	Groundwater wells continued to fall when filled
0-3333-12"	U-1 & U-2 Condensate make-up from CCST	Dual unit outage required		No areas of interest	N/A	

Results

	East of Boiler House	Outside TW 1 Rollup Door	Roadway South of Serv. Bldg (SE)	Roadway South of Serv. Bldg (SW)	North of U-1 UAT	Approx 10' South of U-1 Rx Bldg	North of U-1 RAT	70' NE of TW-1 door	Southeast Corner of U-1 MPT	Between Rx and SBO Bldgs.	In Service Bldg (Womens Locker)	Between CCSTs	Roadway South of Serv. Bldg (SW)	In Service Bldg (Hallway QA by Tool Rm)	River Level (feet elev.) @ Camanche
Date	QC-GP-1	QC-GP-2	QC-GP-3	QC-GP-4	QC-GP-5	QC-GP-6	QC-GP-7	QC-GP-8	QC-GP-9	QC-GP-10	QC-GP-11 / Recovery Well	QC-GP-12	QC-GP-13	QC-GP-14	River Level
10/04/07	2,540	484,000	17,200	22,100											573.50
10/10/07		840,000			596,000										574.75
10/15/07								<2000							574.94
10/16/07		733,000			798,000		112,000		23,800						574.96
10/18/07		786,000			805,000					2,840					574.79
10/19/07	2,540	807,000	18,900	22,500	799,000		119,000		26,400		2,410,000				575.21
10/24/07		829,000	17,300	21,200	954,000				19,700		2,580,000				575.52
10/29/07		929,000	20,400	20,700	1,030,000		142,000		16,000		2,920,000		5,150		576.24
10/30/07						2,520		2,800		<2000		<2000			576.16
11/01/07		843,000			997,000		150,000				2,910,000				575.78
11/05/07		555,000	24,000	18,400	1,020,000		147,000		16,700		2,970,000	<2000	3,910	17,300	574.86
11/08/07		400,000	25,200	14,500	1,010,000		149,000		16,200		2,950,000			26,900	573.76
11/12/07	4,010	440,000	26,100	16,600	702,000	2,940	137,000	2,510	19,500	<2000	2,860,000	<2000	6,090	164,000	573.27
11/15/07		507,000	24,300	17,300	366,000		119,000		22,900		2,690,000			322,000	573.21
11/19/07	3,080	644,000	21,000	18,500	258,000	2,870	108,000	3,310	26,900	<2000	2,520,000	<2000	8,160	542,000	573.02
11/26/07		806,000	20,100	20,400	142,000		101,000		31,200		2,270,000		9,860	1,040,000	572.91
11/29/07		671,000			104,000						2,190,000			1,200,000	572.82
12/03/07		440,000	19,200	21,300	81,800		95,000		34,300		2,140,000		11,800	1,350,000	572.34
12/10/07	2,520	217,000	17,900	23,500	42,100	<2000	93,500	<2000	<2000	<2000	2,130,000	<2000	21,100	1,460,000	572.48
12/14/07											2,080,000			1,490,000	572.94
12/17/07		189,000	15,900	23,300	28,300	2,230	94,800	2,100	31,600		2,110,000		23,200	1,550,000	572.80
01/03/08											2,050,000			1,700,000	572.93
01/08/08	2,680	334,000	16,800	25,500	43,900	<2000	97,800	<2000	33,900	<2000	1,960,000	<2000	60,100	1,800,000	573.00
01/14/08	2,580	416,000	19,300	26,300	95,600		97,200	<2000	40,000		2,000,000	<2000	75,900	1,720,000	573.14
01/23/08		480,000			115,000						1,860,000		52,600	1,800,000	572.90
01/28/08		531,000			117,000						1,810,000		59,900	1,760,000	572.76
02/06/08		455,000			139,000		101,000		54,100		1,590,000		58,900	1,910,000	572.77
02/13/08		408,000			150,000						1,550,000		88,900	1,890,000	572.91
02/18/08		438,000			142,000						1,610,000			1,890,000	572.78
02/25/08		474,000	15,100	30,900	168,000		105,000		51,400		1,530,000	<2000	47,100	1,890,000	572.49
03/05/08		414,000	13,000	32,600	213,000		112,000		40,500		1,630,000		69,300	1,920,000	573.44
03/12/08	3,910	503,000	14,900	38,500	249,000	2,620	98,600	<2000	47,300	<2000	1,320,000	<2000	99,900	1,790,000	572.84
03/17/08	4,760	533,000	12,500	52,000	261,000	<2000	95,300	<2000	53,000	<2000	1,180,000	<2000	188,000	1,770,000	574.28
03/25/08	3,130	456,000	13,100	53,200	168,000	30,100	90,700	<2000	51,600		1,560,000		15,700	1,430,000	574.99
04/11/08	3,670	1,210,000	18,700	382,000	150,000	66,200	71,600	2,770	33,200	<2000	2,120,000		23,100	713,000	576.58
04/14/08	<2000	915,000	26,100	179,000	540,000	198,000	85,600	<2000	28,800	<2000	1,240,000		7,570	47,400	580

Long Term Action

- If 1-3340-24 is leaking and direction is known
 - Start engineering for shoring and supports
 - Start digging
- If leaking line not identified by mid-July:
 - More testing
 - ‘A’ CCST level line
 - 2-3340-24”
 - Retest all lines with water?
 - Start digging to find leak
 - If 1-3340-24 passes test (no leak)
 - » Perform test on 2-3340-24”
 - » Otherwise no reason to dig on East side of Plant

Schedule

- Install well pump in ladies locker room Complete
- Install plug in CCST for 1-3340-24 5-1-08
 - SSMP 5/7/08 then 8/6/08
 - U1 HPCI 5/20/08 then 8/18/08
 - U2 HPCI 5/13/08 then 8/12/08
 - U1 RCIC 6/10/08 then 9/9/08
 - U2 RCIC 5/27/08 then 8/26/08
- Install well between river & well 112 6-9-08
- Perform Guided Wave on remaining lines 6-20-08
- Drain line 1-3340-24 if required 6-23-08
- Cut line in three places 7-7-08
 - Weld plates to air test
- Decision point for next step
 - (1) Reweld line back together
 - (2) If leak identified, cut line in cable tunnel & test both directions