

Double-Shell Tank Integrity Assessment Report, HFFACO M-48-14

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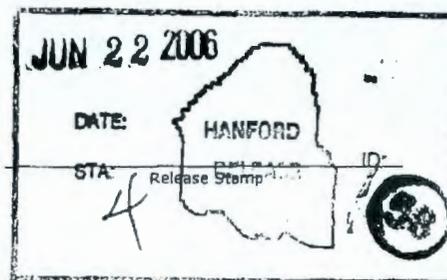
Key Words: DST, Pipe, Transfer Line, Encasement, Cathodic Protection, Corrosion, Integrity, Assessment, Inspection, M-48-14.

Abstract: DST System Integrity Assessment per M-48-14 and WAC 173-303-640(2). Also called the DSTAR, it is the authoritative document for the overall integrity assessment activity for the tanks, pits, vaults, and buried piping for the post June 30, 2005 DST System configuration.

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Release Approval Date



Approved for Public Release

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(7) Change/Release Description: Table A-1 revised to show completion of encasement leak tests for SL-167, SL-169 and SN-271 in AW Farm and to change their respective status to "FFU" (Fit For Use). New IQRPE certification provided. Approval is for the public release of documentation prepared under the direction or supervision of J. H. Huber, Independent, Qualified, Registered Professional Engineer (IQRPE), Los Alamos Technical Associates, Inc.			
(8) Change Justification: Revised to allow the use of AW Farm transfer lines SL-167, SL-169 and SN-271.			
(9) Associated Structure, System, and Component (SSC) and Building Number:	(a) Structure Location: AN, AW, AP, AY, AZ, SY Farm		(c) Building Number: 241 DST Farms
	(b) System Designator: WST, WSTA, WT		(d) Equipment ID Number (EIN): N/A
(10) Impacted Documents:	(a) Document Type	(b) Document Number	(c) Document Revision
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(a) Author (Print/Sign): David E. Bowers <i>David E. Bowers</i>		Date: 6/21/06	
(b) Responsible Manager (Print/Sign): Bobby H. Thacker <i>[Signature]</i>		Date: 6/22/06	
(c) Reviewer (Optional, Print/Sign): Phillip C. Miller <i>[Signature]</i>		Date: 6/22/06	
(d) Reviewer (Optional, Print/Sign): Gary P. Duncan <i>[Signature]</i>		Date: 6/22/06	
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P.C. Miller	R1-51	T.A. Wooley	H6-03
D.E. Bowers	S5-07	K.D. Boomer	H6-19
Release Stamp			
<div style="border: 2px solid black; padding: 10px; display: inline-block;"> <p style="font-size: 1.2em; margin: 0;">JUN 22 2006</p> <p style="margin: 5px 0;">DATE: HANFORD</p> <p style="margin: 5px 0;">STA: 4 RELEASE</p> <p style="text-align: right; margin: 0;">ID: </p> </div>			
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Double-Shell Tank System Integrity Assessment, HFFACO M-48-14

Prepared for:

DST Integrity Project
River Protection Project

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June 19, 2006

**INDEPENDENT, QUALIFIED,
REGISTERED PROFESSIONAL ENGINEER
(IQRPE)**

**CERTIFICATION OF
DOUBLE-SHELL TANK SYSTEM INTEGRITY ASSESSMENT**

HFFACO M-48-14 (40 CFR 265.191(5)(ii): "I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and all attachments, and that, based on my assessment of the plans and procedures utilized for obtaining this information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment."


_____ 6-19-06 _____
Date Certification



EXPIRES: 05-05-07

Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
241-AN-01A	Central Pump Pit	AN	H-2-71991	Inspection / Refurbishment	6A, 6B, W-314	N/A	RPP-15831 Rev. 0 This Doc, Section 6	FFU
241-AN-01B	Annulus Pump Pit	AN	H-2-71991	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AN-01D	Drain Pit	AN	H-2-71991	Inspection / Refurbishment	6A, 6B	None	Deferred Use	NAU
241-AN-02A	Central Pump Pit	AN	H-2-71992	Inspection / Refurbishment	6A, 6B, W-314	RPP-12427 Rev. 0	RPP-18678 Rev. 0 This Doc, Section 6	FFU
241-AN-02B	Annulus Pump Pit	AN	H-2-71992	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AN-03A	Central Pump Pit	AN	H-2-71993	Inspection / Refurbishment	6A, 6B, W-314	RPP-12426 Rev. 0	RPP-18679 Rev. 0 This Doc, Section 6	FFU
241-AN-03B	Annulus Pump Pit	AN	H-2-71993	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AN-04A	Central Pump Pit	AN	H-2-71994	Inspection / Refurbishment	6A, 6B, W-314	RPP-10375 Rev. 0	RPP-15831 Rev. 0 This Doc, Section 6	FFU
241-AN-04B	Annulus Pump Pit	AN	H-2-71994	Inspection / Refurbishment	6A, 6B	N/A	Emergency Use	NAU
241-AN-04D	Slurry Receiver Pit	AN	N/A	Not to be assessed	N/A	N/A	N/A	Fed by SLL-3160, No secondary Containment Function
241-AN-05A	Central Pump Pit	AN	H-2-71995	Inspection / Refurbishment	6A, 6B, W-314	RPP-11598 Rev. 0	RPP-12552 Rev. 0 This Doc, Section 6	FFU

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⁴ FFU = Fit For Use; NAU = Not Authorized for Use; NFFU = Not Fit For Use

Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
241-AN-05B	Annulus Pump Pit	AN	H-2-71995	Inspection / Refurbishment	6A, 6B	N/A	Emergency Use	NAU
241-AN-06A	Central Pump Pit	AN	H-2-71996	Inspection / Refurbishment	6A, 6B, W-314	RPP-11152 Rev. 0	RPP-12551 Rev. 0 This Doc, Section 6	FFU
241-AN-06B	Annulus Pump Pit	AN	H-2-71996	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AN-07A	Central Pump Pit	AN	H-2-72039	Inspection / Refurbishment	6A, 6B, W-314	RPP-12425 Rev. 0	RPP-18680 Rev. 0 This Doc, Section 6	FFU
241-AN-07B	Annulus Pump Pit	AN	H-2-72039	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AN-101	1,200,000 Gallon Waste Tank	AN	H-2-71991	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-10199 Rev. 0 (2002)	This doc, Section 4	FFU
241-AN-102	1,200,000 Gallon Waste Tank	AN	H-2-71992	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-11581 Rev. 0 (2002)	This doc, Section 4	FFU
241-AN-103	1,200,000 Gallon Waste Tank	AN	H-2-71993	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-RPT-24476 Rev. 0 (2005)	This doc, Section 4	FFU
241-AN-104	1,200,000 Gallon Waste Tank	AN	H-2-71994	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-RPT-26254 Rev. 1 (2006)	This doc, Section 4	FFU
241-AN-105	1,200,000 Gallon Waste Tank	AN	H-2-71995	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	HNF-4816 Rev. 0 (1999) RPP-13259 Rev. 0 (2003 sup)	This doc, Section 4	FFU
241-AN-106	1,200,000 Gallon Waste Tank	AN	H-2-71996	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	HNF-4817 Rev. 0 (1999)	This doc, Section 4	FFU
241-AN-107	1,200,000 Gallon Waste Tank	AN	H-2-72039	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	HNF-3353 Rev. 1 (1999)	This doc, Section 4	FFU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
241-AN-A	Valve Pit	AN	H-2-71989	Inspection / Refurbishment	6A, 6B, W-314	N/A	RPP-16375 Rev. 0 RPP-16376, Rev. 0, RPP-15831 This Doc, Section 6	FFU
241-AN-B	Valve Pit	AN	H-2-71989	Inspection / Refurbishment	6A, 6B, W-314	N/A	RPP-16375 Rev. 0 This doc, Section 6	FFU
COB-AN-7	Clean Out Box	AN	H-2-71992	N/A – Removed from service in 2004	N/A	N/A	N/A	E-525
COB-AN-8	Clean Out Box	AN	H-2-71995	N/A – Removed from service in 2004	N/A	N/A	N/A	E-525
COB-AN-9	Clean Out Box	AN	H-2-71986	N/A – Removed from service in 2004	N/A	N/A	N/A	E-525
RW-AN01	Raw Water Line	AN	H-2-71907	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AN02	Raw Water Line	AN	H-2-71907	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AN03	Raw Water Line	AN	H-2-71907	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AN05	Raw Water Line	AN	H-2-71907	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AN06	Raw Water Line	AN	H-2-71907	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-364	Drain Line	AN	H-2-71991	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-366	Drain Line	AN	H-2-71991	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-368	Drain Line	AN	H-2-71991	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-369	Drain Line	AN	H-2-71989	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-AN-01	Drain Line	AN	H-14-104389	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-AN-02	Drain Line	AN	H-14-104389	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-AN-03	Drain Line	AN	H-14-104389	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
DR-AN-04	Drain Line	AN	H-14-104389	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-AN-05	Drain Line	AN	H-14-104389	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
PW-401	Diluent/Flush	AN	H-14-104614	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
PW-402	Diluent/Flush	AN	H-14-104614	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
PW-461	Annulus Leak Detection Return	AN	H-2-71991	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-462	Annulus Leak Detection Return	AN	H-2-71992	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-463	Annulus Leak Detection Return	AN	H-2-71993	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-464	Annulus Leak Detection Return	AN	H-2-71994	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-465	Annulus Leak Detection Return	AN	H-2-71995	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-466	Annulus Leak Detection Return	AN	H-2-71996	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-467	Annulus Leak Detection Return	AN	H-2-72039	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-471	Annulus Pump Pit Return	AN	H-2-71991	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-472	Annulus Pump Pit Return	AN	H-2-71992	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-473	Annulus Pump Pit Return	AN	H-2-71993	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-474	Annulus Pump Pit Return	AN	H-2-71994	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-475	Annulus Pump Pit Return	AN	H-2-71995	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
PW-476	Annulus Pump Pit Return	AN	H-2-71996	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-477	Annulus Pump Pit Return	AN	H-2-72039	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
SL-161	Slurry Transfer Line	AN	H-2-71991	Inspection/Test/Analysis	4B, 11A	2E-04-01595/W 7/19/05 Enc. Tested at 68psig	RPP-27591 Rev. 0	FFU
SL-162	Slurry Transfer Line	AN	H-2-71992	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
SL-163	Slurry Transfer Line	AN	H-2-71993	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
SL-164	Slurry Transfer Line	AN	H-2-71996	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
SL-165	Slurry Transfer Line	AN	H-2-71996	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
SL-166	Slurry Transfer Line	AN	H-2-71996	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
SL-167	Slurry Transfer Line	AN	H-2-72038	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
SL-168	Slurry Transfer Line	AN	H-2-72038	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
SN-261	Supernate Transfer Line	AN	H-2-71991	Inspection/Test/Analysis	4B, 11A	2E-04-01595/W 7/19/05 Enc. Tested at 67 psig	RPP-27591 Rev. 0	FFU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
SN-262	Supernate Transfer Line	AN	H-2-71992	Inspection/Test/Analysis	4B, 11A	2E-04-01337/W 1-3-2005 Enc. Tested at 69 psig	RPP-27591 Rev. 0	NAU
SN-263	Supernate Transfer Line	AN	H-2-71993	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
SN-264	Supernate Transfer Line	AN	H-2-71994	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
SN-265	Supernate Transfer Line	AN	H-2-71995	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
SN-266	Supernate Transfer Line	AN	H-2-71996	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
SN-267	Supernate Transfer Line	AN	H-2-72038	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
SN-268	Supernate Transfer Line	AN	H-2-71989	Inspection/Test/Analysis	4B, 11A	WFO-WO- 000258 8/9/05 Enc. Tested at 66 psig	RPP-27591 Rev. 0	FFU
SN-636	Supernate Transfer Line	AN/AP	H-14-103271	Inspection/Test/Analysis	4B, 11A	N/A	RPP-10535 Rev. 0 RPP-15831 Rev. 0 RPP-27591 Rev. 0	FFU
241-AP-01A	Central Pump Pit	AP	H-2-90553	Inspection / Refurbishment	6A, 6B, W-314	RPP-RPT-25645 Rev. 0	RPP-RPT-26809 Rev. 0 This doc, section 6	FFU
241-AP-01B	Annulus Pump Pit	AP	H-2-90553	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
241-AP-02A	Central Pump Pit	AP	H-2-90554	Inspection / Refurbishment	6A, 6B, W-314	RPP-RPT-25883 Rev. 0	RPP-RPT-26808 Rev. 0 This doc, Section 6	FFU
241-AP-02B	Annulus Pump Pit	AP	H-2-90554	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AP-02D	Valve Pit	AP	H-2-90554	Inspection / Refurbishment	6A, 6B	RPP-RPT-29198 Rev. 0	RPP-RPT-29199 Rev. 0 This doc, Section 6	FFU
241-AP-03A	Central Pump Pit	AP	H-2-90555	Inspection / Refurbishment	6A, 6B, W-314	RPP-RPT-25655 Rev. 0	RPP-RPT-26810 Rev. 0 This doc, section 6	FFU
241-AP-03B	Annulus Pump Pit	AP	H-2-90555	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AP-03D	Drain Pit	AP	H-2-90555	Inspection / Refurbishment	6A, 6B	RPP-RPT-25836 Rev. 0	RPP-RPT-26807 Rev. 0 This doc, Section 6	FFU
241-AP-04A	Central Pump Pit	AP	H-2-90556	Inspection / Refurbishment	6A, 6B, W-314	RPP-RPT-25458 Rev. 0	RPP-RPT-26811 Rev. 0 This doc, section 6	FFU
241-AP-04B	Annulus Pump Pit	AP	H-2-90556	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AP-05A	Central Pump Pit	AP	H-2-90557	Inspection / Refurbishment	6A, 6B, W-314	RPP-RPT-26835 Rev. 0	RPP-RPT-27145 Rev. 0 This Doc, Section 6	FFU
241-AP-05B	Annulus Pump Pit	AP	H-2-90557	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AP-06A	Central Pump Pit	AP	H-2-90558	Inspection / Refurbishment	6A, 6B, W-314	TBD	TBD	NAU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
241-AP-06B	Annulus Pump Pit	AP	H-2-90558	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AP-07A	Central Pump Pit	AP	H-2-90559	Inspection / Refurbishment	6A, 6B, W-314	RPP-RPT-25836 Rev. 0	RPP-RPT-26807 Rev. 0 This Doc, Section 6	FFU
241-AP-07B	Annulus Pump Pit	AP	H-2-90559	Inspection / Refurbishment	6A, 6B	N/A	Emergency Use	NAU
241-AP-08A	Central Pump Pit	AP	H-2-90560	Inspection / Refurbishment	6A, 6B, W-314	RPP-RPT-26823 Rev. 0	RPP-RPT-27146 Rev. 0 This Doc, Section 6	FFU
241-AP-08B	Annulus Pump Pit	AP	H-2-90560	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AP-101	1,200,000 Gallon Waste Tank	AP	H-2-90553	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-13546 Rev. 0 (2003)	Section 4	FFU
241-AP-102	1,200,000 Gallon Waste Tank	AP	H-2-90554	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-RPT-23573 Rev. 0 (2005)	Section 4	FFU
241-AP-103	1,200,000 Gallon Waste Tank	AP	H-2-90555	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-13802 Rev. 0A (2003)	Section 4	FFU
241-AP-104	1,200,000 Gallon Waste Tank	AP	H-2-90556	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-RPT-24379 Rev. 0 (2005)	Section 4	FFU
241-AP-105	1,200,000 Gallon Waste Tank	AP	H-2-90557	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-15764 Rev. 0 (2003)	Section 4	FFU
241-AP-106	1,200,000 Gallon Waste Tank	AP	H-2-90558	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-RPT-23205 Rev. 0A (2005)	Section 4	FFU
241-AP-107	1,200,000 Gallon Waste Tank	AP	H-2-90559	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-6231 Rev. 0A (2000)	Section 4	FFU
241-AP-108	1,200,000 Gallon Waste Tank	AP	H-2-90560	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-6684 Rev. 0B (2002)	Section 4	FFU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
241-AP-VP	Valve Pit	AP	H-2-90547	Inspection / Refurbishment	6A, 6B, W-314	RPP-RPT-28933 Rev. 0 (2006)	RPP-RPT-29052 Rev. 0 This Doc, Section 6	FFU
RW-AP01	Raw Water Line	AP	H-2-90544	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AP02	Raw Water Line	AP	H-2-90544	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AP03	Raw Water Line	AP	H-2-90546	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AP04	Raw Water Line	AP	H-2-90546	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AP05	Raw Water Line	AP	H-2-90546	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AP06	Raw Water Line	AP	H-2-90546	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AP07	Raw Water Line	AP	H-2-90546	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AP08	Raw Water Line	AP	H-2-90546	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AP09	Raw Water Line	AP	H-2-90548	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AP10	Raw Water Line	AP	H-2-90548	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AP11	Raw Water Line	AP	H-2-90548	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AP12	Raw Water Line	AP	H-2-90548	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AP13	Raw Water Line	AP	H-2-90547	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AP14	Raw Water Line	AP	H-2-90547	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-712	Drain Line	AP	H-2-90555	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-713	Drain Line	AP	H-2-90555	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-714	Drain Line	AP	H-2-90546	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-715	Drain Line	AP	H-2-90546	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-716	Drain Line	AP	H-2-90547	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
PW-811	Annulus Pump Pit Return	AP	H-2-90553	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU

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RPP-28538, Rev. 1-B

Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
PW-812	Annulus Pump Pit Return	AP	H-2-90554	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-813	Annulus Pump Pit Return	AP	H-2-90555	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-814	Annulus Pump Pit Return	AP	H-2-90556	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-815	Annulus Pump Pit Return	AP	H-2-90557	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-816	Annulus Pump Pit Return	AP	H-2-90558	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-817	Annulus Pump Pit Return	AP	H-2-90559	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-818	Annulus Pump Pit Return	AP	H-2-90560	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-823	Leak Detection Pit Return	AP	H-2-90555	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
PW-825	Leak Detection Pit Return	AP	H-2-90557	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to use	RPP-27591 Rev. 0	NAU
SL-509	Slurry Transfer Line	AP/AW	H-2-90544	Inspection/Test/Analysis	4B, 11A	2E-03-01489/W 11-2-05 Enc. Tested at 70 psig	RPP-27591 Rev. 0	FFU
SL-510	Slurry Transfer Line	AP/AW	H-2-90544	Inspection/Test/Analysis	4B, 11A	2E-03-01489/W 11/2/05 Enc. Tested at 70psig	RPP-27591 Rev. 0	FFU

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RPP-28538, Rev. 1-B

Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
SL-511	Slurry Transfer Line	AP	H-2-90553	Inspection/Test/Analysis	4B, 11A	2E-03-01287/O 5/28/04 Enc. Tested at 69 psig	RPP-27591 Rev. 0	FFU
SL-512	Slurry Transfer Line	AP	H-2-90554	Inspection/Test/Analysis	4B, 11A	2E-04-00759/W 4/5/05 Enc. Tested at 67 psig	RPP-27591 Rev. 0	FFU
SL-513	Slurry Transfer Line	AP	H-2-90555	Inspection/Test/Analysis	4B, 11A	2E-03-01437/W 5/27/04 Enc. Tested at 68 psig	RPP-27591 Rev. 0	FFU
SL-514	Slurry Transfer Line	AP	H-2-90556	Inspection/Test/Analysis	4B, 11A	2E-03-01438/W 6/9/04 Enc. Tested at 69 psig	RPP-27591 Rev. 0	FFU
SL-515	Slurry Transfer Line	AP	H-2-90557	Inspection/Test/Analysis	4B, 11A	2E-03-01436/W 7/14/05 Enc. Tested at 68 psig	RPP-27591 Rev. 0	FFU
SL-516	Slurry Transfer Line	AP	H-2-90558	Inspection/Test/Analysis	4B, 11A	2E-03-01441 4-4-06 Enc. Tested at 70 psig	RPP-27591 Rev. 0	FFU
SL-517	Slurry Transfer Line	AP	H-2-90559	Inspection/Test/Analysis	4B, 11A	2E-03-1439 2-18-2005 Enc. tested at 69 psig	RPP-27591 Rev. 0	FFU

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RPP-28538, Rev. 1-B

Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
SL-518	Slurry Transfer Line	AP	H-2-90560	Inspection/Test/Analysis	4B, 11A	2E-03-01440/W 7/13/05 Enc. Tested at 68 psig	RPP-27591 Rev. 0	FFU
SN-611	Supernate Transfer Line	AP	H-2-90553	Inspection/Test/Analysis	4B, 11A	2E-03-01287/W 5/20/04 Enc. Tested at 67 psig	RPP-27591 Rev. 0	FFU
SN-612	Supernate Transfer Line	AP	H-2-90554	Inspection/Test/Analysis	4B, 11A	2E-04-00759/W 4/5/05 Enc. Tested at 67 psig	RPP-27591 Rev. 0	FFU
SN-613	Supernate Transfer Line	AP	H-2-90555	Inspection/Test/Analysis	4B, 11A	2E-03-01437/W 5/26/04 Enc. Tested at 68 psig	RPP-27591 Rev. 0	FFU
SN-614	Supernate Transfer Line	AP	H-2-90556	Inspection/Test/Analysis	4B, 11A	2E-03-01438/W 6/11/04 Enc. Tested at 68 psig	RPP-27591 Rev. 0	FFU
SN-615	Supernate Transfer Line	AP	H-2-90557	Inspection/Test/Analysis	4B, 11A	2E-03-01436/W 7/14/05 Enc. Tested at 68 psig	RPP-27591 Rev. 0	FFU
SN-616	Supernate Transfer Line	AP	H-2-90558	Inspection/Test/Analysis	4B, 11A	2E-03-01441 4-4-06 Enc. Tested at 70 psig	RPP-27591 Rev. 0	FFU

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RPP-28538, Rev. 1-B

Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
SN-617	Supernate Transfer Line	AP	H-2-90559	Inspection/Test/Analysis	4B, 11A	2E-03-1439 2-18-2005 Enc. tested at 69 psig	RPP-27591 Rev. 0	FFU
SN-618	Supernate Transfer Line	AP	H-2-90560	Inspection/Test/Analysis	4B, 11A	2E-03-01440/W 7/13/05 Enc. Tested at 68 psig	RPP-27591 Rev. 0	FFU
SN-622	Supernate Transfer Line	AP	H-2-90554	New Installation/Analysis	4B, 11A	N/A	RPP-10535 Rev. 0 RPP-27591 Rev. 0	FFU
SN-634	Supernate Transfer Line	AP/AZ	H-14-103270	New Installation/Analysis	4B, 11A	N/A	RPP-10535 Rev. 0 RPP-27591 Rev. 0	FFU
SN-700	Supernate Transfer Line	AP	H-14-104900	New Installation/Analysis	4B, 11A	N/A	RPP-10535 Rev. 0 RPP-27591 Rev. 0	FFU
SN-701	Supernate Transfer Line	AP	H-14-104892	New Installation/Analysis	4B, 11A	N/A	RPP-10535 Rev. 0 RPP-27591 Rev. 0	FFU
204-AR	1,450 Gallon Waste Tank	AR	H-2-70682	Proposed Deferred Use	N/A	N/A	N/A	NAU, not included in the RCRA Part B Permit
241-AW-01A	Central Pump Pit	AW	H-2-70403	Inspection / Refurbishment	6A, 6B, W-314	RPP-RPT-25320 Rev. 0	RPP-RPT-25855 Rev. 0 This Doc, Section 6	FFU
241-AW-01B	Annulus Pump Pit	AW	H-2-70403	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AW-02A	Central Pump Pit	AW	H-2-70404	Inspection / Refurbishment	6A, 6B, W-314	RPP-16466 Rev. 0	RPP-RPT-25161 Rev. 0 This Doc, Section 6	FFU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
241-AW-02B	Annulus Pump Pit	AW	H-2-70404	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AW-02D	Drain Pit	AW	H-2-70404	Inspection / Refurbishment	6A, 6B, W-314	RPP-16542 Rev. 0	RPP-RPT-25162 This Doc, Section 6	FFU
241-AW-02E	Pump Pit	AW	H-2-70404	Inspection / Refurbishment	6A, 6B	RPP-RPT-25384 Rev. 0	RPP-27147 Rev. 0 This doc, Section 6	FFU
241-AW-03A	Central Pump Pit	AW	H-2-70405	Inspection / Refurbishment	6A, 6B, W-314	RPP-16470 Rev. 0	RPP-19430 This Doc, Section 6	FFU
241-AW-03B	Annulus Pump Pit	AW	H-2-70405	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AW-04A	Central Pump Pit	AW	H-2-70406	Inspection / Refurbishment	6A, 6B, W-314	RPP-RPT-25458 Rev. 0	RPP-RPT-25854 Rev. 9 This Doc, Section 6	FFU
241-AW-04B	Annulus Pump Pit	AW	H-2-70406	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AW-05A	Central Pump Pit	AW	H-2-70407	Inspection / Refurbishment	6A, 6B, W-314	RPP-16465 Rev. 0	RPP-19431 Rev. 0 This Doc, Section 6	FFU
241-AW-05B	Annulus Pump Pit	AW	H-2-70407	Inspection / Refurbishment	6A, 6B	N/A	Emergency Use	NAU
241-AW-06A	Central Pump Pit	AW	H-2-70408	Inspection / Refurbishment	6A, 6B, W-314	RPP-RPT-25506 Rev. 0	RPP-RPT-25979 Rev. 0 This Doc, Section 6	FFU
241-AW-06B	Annulus Pump Pit	AW	H-2-70408	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AW-101	1,200,000 Gallon Waste Tank	AW	H-2-70403	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-7018 Rev. 0A (2001)	Section 4	FFU

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RPP-28538, Rev. 1-B

Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
241-AW-102	1,200,000 Gallon Waste Tank	AW	H-2-70404	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-8698 Rev. 0A (2001) RPP-11581 Rev. 1 (2003)	Section 4	FFU
241-AW-103	1,200,000 Gallon Waste Tank	AW	H-2-70405	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	SD-WM-TRP-282 Rev. 0 (1997)	Section 4	FFU
241-AW-104	1,200,000 Gallon Waste Tank	AW	H-2-70406	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-11582 Rev. 0 (2002)	Section 4	FFU
241-AW-105	1,200,000 Gallon Waste Tank	AW	H-2-70407	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-8149 Rev. 0A (2001)	Section 4	FFU
241-AW-106	1,200,000 Gallon Waste Tank	AW	H-2-70408	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-10776 Rev. 0 (2002)	Section 4	FFU
241-AW-A	Valve Pit	AW	H-2-70401	Inspection / Refurbishment	6A, 6B, W-314	N/A	RPP-13624 Rev. 0 This Doc, Section 6	FFU
241-AW-B	Valve Pit	AW	H-2-70401	Inspection / Refurbishment	6A, 6B, W-314	N/A	RPP-11060 Rev. 0 This Doc, Section 6	FFU
COB-A-30	Clean Out Box	AW	H-2-70398	N/A – to be removed from service	N/A	N/A	N/A	E-525
COB-AW-1	Clean Out Box	AW	H-2-70398	N/A – to be removed from service	N/A	N/A	N/A	E-525
COB-AW-10	Clean Out Box	AW	H-2-70406	N/A – to be removed from service	N/A	N/A	N/A	E-525
COB-AW-11	Clean Out Box	AW	H-2-70398	N/A – to be removed from service	N/A	N/A	N/A	E-525

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
COB-AW-12	Clean Out Box	AW	H-2-70399	N/A – to be removed from service	N/A	N/A	N/A	E-525
COB-AW-2	Clean Out Box	AW	H-2-70398	N/A – to be removed from service	N/A	N/A	N/A	E-525
COB-AW-3	Clean Out Box	AW	H-2-70398	N/A – to be removed from service	N/A	N/A	N/A	E-525
COB-AW-4	Clean Out Box	AW	H-2-70398	N/A – to be removed from service	N/A	N/A	N/A	E-525
COB-AW-5	Clean Out Box	AW	H-2-70399	N/A – to be removed from service	N/A	N/A	N/A	E-525
COB-AW-6	Clean Out Box	AW	H-2-70399	N/A – to be removed from service	N/A	N/A	N/A	E-525
COB-AW-7	Clean Out Box	AW	H-2-70399	N/A – to be removed from service	N/A	N/A	N/A	E-525
COB-AW-8	Clean Out Box	AW	H-2-70399	N/A – to be removed from service	N/A	N/A	N/A	E-525
COB-AW-9	Clean Out Box	AW	H-2-70405	N/A – to be removed from service	N/A	N/A	N/A	E-525
RW-AW01	Raw Water Line	AW	H-2-70998	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AW02	Raw Water Line	AW	H-2-70998	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-AW03	Raw Water Line	AW	H-2-70999	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
FL-AW09	Flush Water Line	AW	H-2-70999	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-334	Drain Line	AW	H-2-70404	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-335	Drain Line	AW	H-2-70404	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-338	Drain Line	AW	H-2-69354	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-339	Drain Line	AW	H-2-69183	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-343	Drain Line	AW	H-2-70404	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-361	Drain Line	AW	H-2-70401	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-362	Drain Line	AW	H-2-70401	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-369	Drain Line	AW	H-2-70401	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-371	Drain Line	AW	H-2-70404	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-374	Drain Line	AW	H-2-70399	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-AW-01	Drain Line	AW	H-14-105333	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-AW-02	Drain Line	AW	H-14-105333	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-AW-03	Drain Line	AW	H-14-105337	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-AW-04	Drain Line	AW	H-14-105337	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-AW-05	Drain Line	AW	H-14-105337	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
PW-461	Annulus Leak Detection Return	AW	H-2-70403	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
PW-462	Annulus Leak Detection Return	AW	H-2-70404	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
PW-463	Annulus Leak Detection Return	AW	H-2-70405	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
PW-464	Annulus Leak Detection Return	AW	H-2-70406	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
PW-465	Annulus Leak Detection Return	AW	H-2-70407	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
PW-466	Annulus Leak Detection Return	AW	H-2-70408	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
PW-471	Annulus Pump Pit Return	AW	H-2-70403	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
PW-472	Annulus Pump Pit Return	AW	H-2-70404	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
PW-473	Annulus Pump Pit Return	AW	H-2-70405	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
PW-474	Annulus Pump Pit Return	AW	H-2-70406	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
PW-475	Annulus Pump Pit Return	AW	H-2-70407	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
PW-476	Annulus Pump Pit Return	AW	H-2-70408	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
SL-162	Slurry Transfer Line	AW	H-2-70404	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
SL-163	Slurry Transfer Line	AW	H-2-70405	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
SL-164	Slurry Transfer Line	AW	H-2-70406	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
SL-165	Slurry Transfer Line	AW	H-2-70405	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
SL-166	Slurry Transfer Line	AW	H-2-70406	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
SL-167	Slurry Transfer Line	AW	H-2-70398	Inspection/Test/Analysis	4B, 11A	WFO-WO-04-000263 6-15-2006 Enc. tested at 70 psig	RPP-27591 Rev. 0	FFU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
SL-168	Slurry Transfer Line	AW	H-2-70398	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
SL-169	Slurry Transfer Line	AW	H-2-70401	Inspection/Test/Analysis	4B, 11A	WFO-WO-04-000263 6-12-2006 Enc. tested at 69 psig	RPP-27591 Rev. 0	FFU
SN-220 / LIQW-702	Supernate Transfer Line	AW	H-2-70401	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
SN-261	Supernate Transfer Line	AW	H-2-70403	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
SN-262	Supernate Transfer Line	AW	H-2-70404	Inspection/Test/Analysis	4B, 11A	2E-04-01337/W 1/3/05 Enc. Tested at 69 psig	RPP-27591 Rev. 0	FFU
SN-263	Supernate Transfer Line	AW	H-2-70405	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
SN-264	Supernate Transfer Line	AW	H-2-70406	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
SN-265	Supernate Transfer Line	AW	H-2-70405	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
SN-266	Supernate Transfer Line	AW	H-2-70406	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
SN-267	Supernate Transfer Line	AW	H-2-70404	Inspection/Test/Analysis	4B, 11A	WFO-WO-05-000867 12/1/05 Enc. Tested at 69 psig	RPP-27591 Rev. 0	FFU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
SN-268	Supernate Transfer Line	AW	H-2-70404	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
SN-269	Supernate Transfer Line	AW	H-2-70404	Inspection/Test/Analysis	4B, 11A	2E-04-1281 5-11-06 Enc. Tested at 70 psig	RPP-27591 Rev. 0	FFU
SN-270	Supernate Transfer Line	AW	H-2-70404	Inspection/Test/Analysis	4B, 11A	2E-04-1281 5-12-06 Enc. Tested at 69 psig	RPP-27591 Rev. 0	FFU
SN-271	Supernate Transfer Line	AW	H-2-70401	Inspection/Test/Analysis	4B, 11A	WFO-WO-04-000263 6-12-2006 Enc. tested at 67 psig	RPP-27591 Rev. 0	FFU
SN-272	Supernate Transfer Line	AW	H-2-70404	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
SN-274	Supernate Transfer Line	AW	H-2-70406	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
SN-609	Supernate Transfer Line	AW	H-2-70404	Inspection/Test/Analysis	4B, 11A	2E-03-01489/W 11-7-05 Enc. Tested at 70 psig	RPP-27591 Rev. 0	FFU
SN-610	Supernate Transfer Line	AW	H-2-70399	Inspection/Test/Analysis	4B, 11A	2E-03-01287/W 11/7/05 Enc. Tested at 69 psig	RPP-27591 Rev. 0	FFU
241-AY-01A	Central Pump Pit	AY	H-2-64405	Inspection / Refurbishment	6A, 6B, W-314	N/A	RPP-11217 Rev. 0 This Doc, Section 6	FFU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
241-AY-01B	Sluice Pit	AY	H-2-64405	Inspection / Refurbishment	6A, 6B	None	Deferred Use	NAU
241-AY-01C	Sluice Pit	AY	H-2-64405	Inspection / Refurbishment	6A, 6B	None	Deferred Use	NAU
241-AY-01D	Sluice Pit	AY	H-2-64405	Inspection / Refurbishment	6A, 6B	None	Deferred Use	NAU
241-AY-01E	Sluice Pit	AY	H-2-64405	Inspection / Refurbishment	6A, 6B	None	Deferred Use	NAU
241-AY-01F	Annulus Pump Pit	AY	H-2-64405	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AY-02A	Central Pump Pit	AY	H-2-64406	Inspection / Refurbishment	6A, 6B, W-314	N/A	RPP-11217 Rev. 0	FFU
241-AY-02B	Sluice Pit	AY	H-2-64406	Inspection / Refurbishment	6A, 6B	None	Deferred Use	NAU
241-AY-02C	Sluice Pit	AY	H-2-64406	Inspection / Refurbishment	6A, 6B	None	Deferred Use	NAU
241-AY-02D	Sluice Pit	AY	H-2-64406	Inspection / Refurbishment	6A, 6B	None	Deferred Use	NAU
241-AY-02E	Sluice Pit	AY	H-2-64406	Inspection / Refurbishment	6A, 6B	None	Deferred Use	NAU
241-AY-02F	Annulus Pump Pit	AY	H-2-64406	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AY-101	1,000,000 Gallon Waste Tank	AY	H-2-64405	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-8519 Rev. 0A (2001)	Section 4	FFU
241-AY-102	1,000,000 Gallon Waste Tank	AY	H-2-64406	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-4818 Rev. 0 (1999)	Section 4	FFU
RW-3501 (4")	Raw Water Line	AY	H-2-64405	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3501 (1 ½")	Raw Water Line	AY	H-2-64405	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
RW-3558	Raw Water Line	AY	H-2-64405	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3559	Raw Water Line	AY	H-2-64405	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3571	Raw Water Line	AY	H-2-64405	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3575	Raw Water Line	AY	H-2-64405	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-0068	Drain Line	AY	H-2-64405	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-0069	Drain Line	AY	H-2-64406	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-0070	Drain Line	AY	H-2-64405	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-0072	Drain Line	AY	H-2-64405	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-0073	Drain Line	AY	H-2-64406	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-AY1	Drain Line	AY	H-2-131085	New Installation/ Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
PW-4531	Annulus Pump Pit Return	AY	H-2-64405	Inspection/Test/ Analysis	4B, 11A	Primary Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
PW-4532	Annulus Pump Pit Return	AY	H-2-64406	Inspection/Test/ Analysis	4B, 11A	Primary Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
PW-404	Diluent/Flush	AY	H-14-106441	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
PW-406	Diluent/Flush	AY	H-14-106441	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
SL-100	Slurry Transfer Line	AY	H-2-64406	Inspection/Test/ Analysis	4B, 11A	None	Deferred Use	NAU
SN-200	Supernate Transfer Line	AY	H-2-64406	Inspection/Test/ Analysis	4B, 11A	None	Deferred Use	NAU
SN-633	Supernate Transfer Line	AY	H-14-102620	New Installation/ Analysis	4B, 11A	N/A	RPP-11217 Rev. 0 RPP-27591 Rev. 0	FFU
SN-635	Supernate Transfer Line	AY	H-14-102620	New Installation/ Analysis	4B, 11A	N/A	RPP-11217 Rev. 0 RPP-27591 Rev. 0	FFU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
241-AZ-01A	Central Pump Pit	AZ	H-2-68353	Inspection / Refurbishment	6A, 6B, W-314	N/A	RPP-11218 Rev. 0 This Doc, Section 6	FFU
241-AZ-01B	Sluice Pit	AZ	H-2-68353	Inspection / Refurbishment	6A, 6B	None	Deferred Use	NAU
241-AZ-01C	Sluice Pit	AZ	H-2-68353	Inspection / Refurbishment	6A, 6B	None	Deferred Use	NAU
241-AZ-01F	Annulus Pump Pit	AZ	H-2-68353	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AZ-02A	Central Pump Pit	AZ	H-2-68413	Inspection / Refurbishment	6A, 6B, W-314	N/A	RPP-11218 Rev. 0 This Doc, Section 6	FFU
241-AZ-02B	Sluice Pit	AZ	H-2-68413	Inspection / Refurbishment	6A, 6B	None	Deferred Use	NAU
241-AZ-02C	Sluice Pit	AZ	H-2-68413	Inspection / Refurbishment	6A, 6B	None	Deferred Use	NAU
241-AZ-02F	Annulus Pump Pit	AZ	H-2-68413	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-AZ-101	1,000,000 Gallon Waste Tank	AZ	H-2-68413	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-4819 Rev. 0 (1999)	Section 4	FFU
241-AZ-102	1,000,000 Gallon Waste Tank	AZ	H-2-68353	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-15765 Rev. 0 (2003)	Section 4	FFU
241-AZ-702	Vent Building	AZ	H-2-131012	Inspection / Analysis	6A, 6B	This document	Section 6	FFU
241-AZ-PC-SP-1	Seal Pot	AZ	H-2-131106	Inspection/ Analysis	6A, 6B	This document	Section 6	FFU
241-AZ-VP	Valve Pit	AZ	H-14-103263	New Installation	6A, 6B, W-314	N/A	RPP-16278 Rev. 0	FFU
RW-3600	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3601 (2")	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3601 (3")	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
RW-3604	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3611 (1 ½")	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3611 (2")	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3612	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3613	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3614	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3615	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3616 (3")	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3616 (4")	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3618	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3633	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3634	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3635	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3636	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3640 (1/2")	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3640 (2")	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-3655	Raw Water Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-0077	Drain Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-0080	Drain Line	AZ	H-2-68353	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-0090	Drain Line	AZ	H-2-68413	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-0091	Drain Line	AZ	H-2-68413	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-100	Drain Line	AZ	H-14-103263	New Installation/ Analysis	7C	N/A	RPP-11218 Rev. 0 RPP-27591 Rev. 0	FFU
PC-AZ-503	Drain Line	AZ	H-14-105765	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
PC-AZ-503a	Drain Line (above grade portion)	AZ	H-14-105765	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
PW-403	Diluent/Flush	AZ	H-14-102973	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
PW-405	Diluent/Flush	AZ	H-14-102973	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
PW-4609	Annulus Pump Pit Return	AZ	H-2-68353	Inspection/Test/Analysis	4B, 11A	Primary Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
PW-4623	Annulus Pump Pit Return	AZ	H-2-68413	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0	NAU
SN-630	Supernate Transfer Line	AZ/ AN	H-14-101110	New Installation/Analysis	4B, 11A	N/A	RPP-15831 Rev. 0 RPP-27591 Rev. 0	FFU
SN-631	Supernate Transfer Line	AZ	H-2-68413	New Installation/Analysis	4B, 11A	N/A	RPP-11218 Rev. 0 RPP-27591 Rev. 0	FFU
SN-632	Supernate Transfer Line	AZ	H-2-68413	New Installation/Analysis	4B, 11A	N/A	RPP-11218 Rev. 0 RPP-27591 Rev. 0	FFU
SN-637	Supernate Transfer Line	AZ	H-14-103263	New Installation/Analysis	4B, 11A	N/A	RPP-10535 Rev. 0 RPP-27591 Rev. 0	FFU
241-SY-01A	Central Pump Pit	SY	H-2-37801	Inspection / Refurbishment	6A, 6B	None	Deferred Use	NAU
241-SY-01B	Annulus Pump Pit	SY	H-2-37801	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU
241-SY-02A	Central Pump Pit	SY	H-2-37802	Inspection / Refurbishment	6A, 6B, W-314	RPP-RPT-25574 Rev. 1	RPP-RPT-25980 Rev. 0 This Doc, Section 6	FFU
241-SY-02B	Annulus Pump Pit	SY	H-2-37802	Inspection / Refurbishment	6A, 6B	None	Emergency Use	NAU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
241-SY-02D	Drain Pit	SY	H-2-37802	Inspection / Refurbishment	6A, 6B, W-314	RPP-RPT-25595 Rev. 0	RPP-RPT-25978 Rev. 0 This Doc, Section 6	FFU
241-SY-02E	Drain Pit	SY	H-2-37802	Inspection / Refurbishment	6A, 6B	None	Deferred Use	NAU
241-SY-03A	Central Pump Pit	SY	H-2-37803	Inspection / Refurbishment	6A, 6B, W-314	RPP-RPT-25606 Rev. 0	RPP-RPT-25853 Rev. 0 This Doc, Section 6	FFU
241-SY-03B	Annulus Pump Pit	SY	H-2-37803	Inspection / Refurbishment	6A, 6B	N/A	Emergency Use	NAU
241-SY-101	1,200,000 Gallon Waste Tank	SY	H-2-37801	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-18444 Rev. 1	Section 4	FFU
241-SY101-PPP	Prefabricated Pump pit	SY	H-14-103571	Analysis	6A, 6B	N/A	Section 6	FFU
241-SY-102	1,200,000 Gallon Waste Tank	SY	H-2-37802	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-18445 Rev. 0	Section 4	FFU
241-SY-103	1,200,000 Gallon Waste Tank	SY	H-2-37803	Inspection / Analysis	5A, 5B, 5C, 5D, 5E	RPP-18446 Rev. 0	Section 4	FFU
241-SY-A	Valve Pit	SY	H-2-37780	Inspection / Refurbishment	6A, 6B, W-314	RPP-16447 Rev. 0	RPP-RPT-25163 Rev. 0 This Doc, Section 6	FFU
241-SY-B	Valve Pit	SY	H-2-37780	Inspection / Refurbishment	6A, 6B, W-314	TBD	TBD	NAU
RW-SY03	Raw Water Line	SY	H-2-70835	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-SY05	Raw Water Line	SY	H-2-70835	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-SY07	Raw Water Line	SY	H-2-70835	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-SY08	Raw Water Line	SY	H-2-70835	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-SY09	Raw Water Line	SY	H-2-70835	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
RW-SY10	Raw Water Line	SY	H-2-70835	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-SY13	Raw Water Line	SY	H-2-70835	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
RW-SY14	Raw Water Line	SY	H-2-70835	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
FL-SY18	Flush Water Line	SY	H-2-37780	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
FL-SY19	Flush Water Line	SY	H-2-37780	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-376	Drain Line	SY	H-2-37778	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-377	Drain Line	SY	H-2-37778	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-378	Drain Line	SY	H-2-37778	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-379	Drain Line	SY	H-2-37778	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-385	Drain Line	SY	H-2-37802	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-386	Drain Line	SY	H-2-37802	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-387	Drain Line	SY	H-2-37778	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-503	Drain Line	SY	H-2-37746	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
DR-504	Drain Line	SY	H-2-37746	Analysis	7C	N/A	RPP-27591 Rev. 0	FFU
PW-475	Annulus Pump Pit Return	SY	H-2-37802	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior To Use	RPP-27591 Rev. 0	NAU
PW-476	Annulus Leak Detection Return	SY	H-2-37802	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior To Use	RPP-27591 Rev. 0	NAU
PW-477	Annulus Pump Pit Return	SY	H-2-37801	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior To Use	RPP-27591 Rev. 0	NAU
PW-478	Annulus Leak Detection Return	SY	H-2-37801	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior To Use	RPP-27591 Rev. 0	NAU
PW-479	Annulus Pump Pit Return	SY	H-2-37803	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior To Use	RPP-27591 Rev. 0	NAU
PW-480	Annulus Leak Detection Return	SY	H-2-37803	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior To Use	RPP-27591 Rev. 0	NAU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
SL-177	Slurry Transfer Line	SY	H-2-37802	Inspection/Test/Analysis	4B, 11A	N/A	RPP-27591 Rev. 0 Variance Use	NAU
SL-178	Slurry Transfer Line	SY	H-2-37801	Inspection/Test/Analysis	4B, 11A	N/A	RPP-27591 Rev. 0 Variance Use	NAU
SL-179	Slurry Transfer Line	SY	H-2-37803	Inspection/Test/Analysis	4B, 11A	N/A	RPP-27591 Rev. 0 Variance Use	NAU
SL-180	Slurry Transfer Line	SY	H-2-37778	Inspection/Test/Analysis	4B, 11A	N/A	RPP-27591 Rev. 0	NFFU
SLL-3160	SLL Transfer Line	SY	H-2-822210	Inspection/Test/Analysis	4B, 11A	N/A	RPP-27591 Rev. 0	NAU
SN-277	Supernate Transfer Line	SY	H-2-37802	Inspection/Test/Analysis	4B, 11A	N/A	RPP-27591 Rev. 0 Variance Use	NAU
SN-278	Supernate Transfer Line	SY	H-2-37801	Inspection/Test/Analysis	4B, 11A	N/A	RPP-27591 Rev. 0 Variance Use	NAU
SN-279	Supernate Transfer Line	SY	H-2-37803	Inspection/Test/Analysis	4B, 11A	N/A	RPP-27591 Rev. 0 Variance Use	NAU
SN-280	Supernate Transfer Line	SY	H-2-37778	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use	RPP-27591 Rev. 0 Variance Use	NAU
SN-285	Supernate Transfer Line	SY	H-2-37802	Inspection/Test/Analysis	4B, 11A	CLO-WO-05-002555 Enc. Tested at 66psig Primary Tested to 352 psig	RPP-27591 Rev. 0 Variance Use	FFU Until 2/14/07
SN-286	Supernate Transfer Line	SY	H-2-37802	Inspection/Test/Analysis	4B, 11A	N/A	RPP-27591 Rev. 0 Variance Use	NAU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
SNL-3150	Supernate Transfer Line 6241-V to AN-101	SY	H-2-822210	Inspection/Test/Analysis	4B, 11A	W314-WTS-TIE-IN-004-87 Enc. Tested at 40 psig 2/23/06	RPP-16278 Rev. 0 RPP-27591 Rev. 0	FFU
SNL-3150	Supernate Transfer Line 6241-V to 6241-A	SY	H-2-822210	Inspection/Test/Analysis	4B, 11A	WFO-WO-05-002224 Enc. Tested at 41psig 3/21/06	RPP-16278 Rev. 0 RPP-27591 Rev. 0	FFU
SNL-3150	Supernate Transfer Line 6241-A to SY-A	SY	H-2-822210	Inspection/Test/Analysis	4B, 11A	WFO-WO-05-002224 Enc. Tested at 41psig 3/27/06	RPP-16278 Rev. 0 RPP-27591 Rev. 0	FFU
SLL-3160	Slurry Transfer Line	SY	H-2-822210	Inspection/Test/Analysis	4B, 11A	Enc. Leak Test Prior to Use; and Assess Pumps Prior to use	RPP-16278 Rev. 0 RPP-27591 Rev. 0	NAU
SNL-5350	Supernate Transfer Line	SY	H-14-105612	Inspection/Test/Analysis	4B, 11A	WFO-WO-05-002223 5-10-06 Enc. Tested at 10 psig	RPP-20512 Rev. 0 RPP-27591 Rev. 0	FFU
SNL-5351	Supernate Transfer Line	SY	H-14-105612	Inspection/Test/Analysis	4B, 11A	WFO-WO-05-002223 5-8-06 Enc. Tested at 10 psig	RPP-20512 Rev. 0 RPP-27591 Rev. 0	FFU

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Table A-1. Double-Shell Tank System Integrity Assessment Matrix. (30 Sheets)

Component ID	Description	Farm	Drawing	Assessment Method	Applicable Task ID (App. B)	Inspection Reports	Assessment Reference	Comments ⁴
HOSE-SY101-PPP/SXA	Hose In Hose Transfer Line	SY	H-14-103595	Inspection/Test/Analysis	4B, 11A	RPP-4892 Rev. 0	RPP-27591 Rev. 0 RPP-15286 Rev. 0A	FFU Until June 2006
6241-A	Diversion Box	200W	H-2-822202	Inspection / Analysis	6A, 6B	Section 6	Section 6	FFU
6241-V	Vent Station	600	H-6-13978	Inspection / Analysis	6A, 6B	Section 6	Section 6	FFU