

LimerickNPEm Resource

From: Kuntz, Robert
Sent: Tuesday, September 20, 2011 2:37 PM
To: 'Christopher.Wilson2@exeloncorp.com'
Subject: DRAFT AMP Audit Schedule
Attachments: DRAFT License Renewal AMP Audit Schedule.docx

Chris,

This is clearly very rough and I have a lot of details to enter into the schedule, but I thought I would pass this along for 2 reasons:

1. All the expected NRC staff are listed for each of the 2 weeks (on page 2 for week 1 and page 9 for week 2)
2. To let you see the format that I am planning to use and see if you have any comment before I get too far along.

What I need to fill in is all the break out sessions and the walkdowns but I am awaiting further input from the staff here.

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LICENSE RENEWAL – LIMERICK SITE AMP AUDIT SCHEDULE [10/3/11 – 10/14/11]

Limerick Site Audit Schedule

Be advised that this schedule may be revised before the audit begins, and may also change during the audit. It is important to always be on time.

Those items shaded are meetings between the NRC and Exelon. Those items shaded and bulleted are break-out sessions.

WEEK 1 – Monday October 3, 2011 through Friday October 7, 2011

By LRA Section:

LRA AMP	AMP Title	NRC Reviewer	Exelon LR owner	LGS program owner
B.2.1.1	ASME Section XI Inservice Inspection, Subsections IWB, IWC, and IWD	Fu	Jordan	Budock
B.2.1.2	Water Chemistry	Klos	Rafferty-Szincila	Ryan
B.2.1.3	Reactor Head Closure Stud Bolting	Kalikian	Jordan	Budock
B.2.1.4	BWR Vessel ID Attachment Welds	Ng	Jordan	Karasek
B.2.1.5	BWR Feedwater Nozzle	Ng	Jordan	Budock
B.2.1.6	BWR Control Rod Drive Return Line Nozzle	Yee	Jordan	Budock
B.2.1.7	BWR Stress Corrosion Cracking	Min	Jordan	Budock
B.2.1.8	BWR Penetrations	Min	Jordan	Karasek
B.2.1.9	BWR Vessel Internals	Purtscher	Jordan	Karasek
B.2.1.10	Flow-Accelerated Corrosion	Wise	Geiger	Gandhi
B.2.1.11	Bolting Integrity	Kichline	Hess	Budock
B.2.1.12	Open-Cycle Cooling Water System	Wise	Hess	Olsen
B.2.1.13	Closed Treated Water Systems	Wise	Miller	Thoryk
B.2.1.14	Inspection of Overhead Heavy Load and Light Load (Related to Refueling) Handling Systems	Kichline	Jordan	Hemler
B.2.1.15	Compressed Air Monitoring	Holston	Geiger	Luessenhop
B.2.1.16	BWR Reactor Water Cleanup System	Homiack	Miller	Budock
B.2.1.17	Fire Protection	Kichline	Geiger	Brittain
B.2.1.18	Fire Water System	Kichline	Geiger	Thoryk
B.2.1.19	Aboveground Metallic Tanks	Holston	Hess	Thoryk
B.2.1.20	Fuel Oil Chemistry	Morgan	Miller	Barth
B.2.1.21	Reactor Vessel Surveillance	Purtscher	Guthrie	Karasek
B.2.1.22	One-Time Inspection	Klos	Miller	Olsen
B.2.1.23	Selective Leaching	Holston	Kowalski	Olsen
B.2.1.24	One-Time Inspection of ASME Code Class 1 Small-Bore Piping	Fu	Jordan	Budock
B.2.1.25	External Surfaces Monitoring of Mechanical Components	Nickell	Kowalski	Berg/Kopistansky
B.2.1.26	Inspection of Internal Surfaces in Miscellaneous Piping and Ducting Components	Klos	Kowalski	Bendyk
B.2.1.27	Lubricating Oil Analysis	Morgan	Hess	Alexis
B.2.1.28	Monitoring of Neutron-Absorbing Materials Other than Boraflex	Morgan	Kowalski	Snyder
B.2.1.29	Buried and Underground Piping and Tanks Program	Holston	Rafferty-Czincila	Tracy
B.2.1.37	Protective Coating Monitoring and Maintenance Program	Morgan	Miller	Benitez
B.3.1.1	Fatigue Monitoring	Yee	Guthrie	Karasek

LICENSE RENEWAL – LIMERICK SITE AMP AUDIT SCHEDULE [10/3/11 – 10/14/11]

By reviewer:

NRC Reviewer	LRA Sections	Exelon Lead	LRA Sections
Bart Fu	B.2.1.1, B.2.1.24	Jordan	B.2.1.1, B.2.1.3- B.2.1.9, B.2.1.14, B.2.1.24
John Klos	B.2.1.2, B.2.1.22, B.2.1.26	Rafferty-Szincila	B.2.1.2, B.2.1.29
Roger Kalikian	B.2.1.3,	Geiger	B.2.1.10, B.2.1.15 B.2.1.17, B.2.1.18
Ching Ng	B.2.1.4, B.2.1.5,	Hess	B.2.1.11, B.2.1.12, B.2.1.19, B.2.1.27
On Yee	B.2.1.6, B.3.1.1	Miller	B.2.1.13, B.2.1.16, B.2.1.20, B.2.1.22, B.2.1.37
Seung Min	B.2.1.7, B.2.1.8	Guthrie	B.2.1.21, B.3.1.1
Patrick Purtcheser	B.2.1.9, B.2.1.21	Kowalski	B.2.1.23, B.2.1.25, B.2.1.26, B.2.1.28
John Wise	B.2.1.10, B.2.1.12, B.2.1.13	Budock	B.2.1.1, B.2.1.3, B.2.1.5- B.2.1.7, B.2.1.11, B.2.1.16, B.2.1.24
Michelle Kichline	B.2.1.11, B.2.1.14, B.2.1.17, B.2.1.18	Ryan	B.2.1.2
William Holston	B.2.1.15, B.2.1.19, B.2.1.23, B.2.1.29	Karasek	B.2.1.4, B.2.1.8, B.2.1.9, B.2.1.21, B.3.1.1
Matthew Homiack	B.2.1.16	Gandhi	B.2.1.10,
Thomas Morgan	B.2.1.20, B.2.1.27, B.2.1.28, B.2.1.37	Olsen	B.2.1.12, B.2.1.22, B.2.1.23
Cimberly Nickell	B.2.1.25	Thoryk	B.2.1.13, B.2.1.18, B.2.1.19
Donald Brittner	OpE	Hemler	B.2.1.14
Tony Gardner	Peer reviewer	Luessenhop	B.2.1.15
		Brittain	B.2.1.17
		Barth	B.2.1.20
		Berg/Kopistansky	B.2.1.25
		Bendyk	B.2.1.26
		Alexis	B.2.1.27
		Snyder	B.2.1.28
		Tracy	B.2.1.29
		Benitez	B.2.1.37

Additional NRC staff:

Name	Position
Melanie Galloway	Deputy Division Director, DLR (expected 10/6/11 only)
Dennis Morey	Branch Chief, RPB1
David Pelton	Branch Chief, RAPB
Allen Hiser	Senior Level Advisor, DLR
Robert Kuntz	Limerick Safety PM, Audit Team Lead

LICENSE RENEWAL – LIMERICK SITE AMP AUDIT SCHEDULE [10/3/11 – 10/14/11]

<i>Monday October 3, 2011</i>				
<i>Time</i>	<i>Activity</i>	<i>Location</i>	<i>NRC</i>	<i>Exelon</i>
7:30 – 4:00 pm	AMP Bases Document Review		All	
9:00 – 9:30 am	Introduction, Orientation, Overview of AMP Audit		All	
1:30 – 2:00 pm	Kickoff meeting		All	

LICENSE RENEWAL – LIMERICK SITE AMP AUDIT SCHEDULE [10/3/11 – 10/14/11]

<i>Tuesday October 4, 2011</i>				
<i>Time</i>	<i>Activity</i>	<i>Location</i>	<i>NRC</i>	<i>Exelon</i>
7:30-8:00 am	Morning Status Meeting		All	
8:00am-4:00pm	AMP Bases Document Review		All	
2:00-3:30pm	Compressed Air Monitoring Program Breakout		<ul style="list-style-type: none">• Holston• Pelton	<ul style="list-style-type: none">• Geiger• Luessenhop
4:00-4:30 pm	NRC Daily Debrief		All	
4:30-5:00 pm	Daily Debrief Meeting		Rob Kuntz, NRC Staff as needed	Wilson

LICENSE RENEWAL – LIMERICK SITE AMP AUDIT SCHEDULE [10/3/11 – 10/14/11]

<i>Wednesday, October 5, 2011</i>				
<i>Time</i>	<i>Activity</i>	<i>Location</i>	<i>NRC</i>	<i>Exelon</i>
7:30-8:00 am	Morning Status Meeting		All	
8:00am-4:00pm	AMP Bases Document Review		All	
2:00-3:30pm	Selective Leaching Program Breakout		<ul style="list-style-type: none">• Holston• Pelton	<ul style="list-style-type: none">• Kowalski• Olsen
4:00-4:30 pm	NRC Daily Debrief		All	
4:30-5:00 pm	Daily Debrief Meeting		Rob Kuntz, NRC Staff as needed	Wilson

LICENSE RENEWAL – LIMERICK SITE AMP AUDIT SCHEDULE [10/3/11 – 10/14/11]

Thursday, October 6, 2011				
Time	Activity	Location	NRC	Exelon
7:30-8:00 am	Morning Status Meeting		All	
10:00-11:00 am	Aboveground Metallic Tanks Walkdown		Holston	Hess Thoryk
2:00-3:30pm	Buried and Underground Piping and Tanks Program Breakout		<ul style="list-style-type: none"> • Holston • Lehman (via phone) 	<ul style="list-style-type: none"> • Rafferty-Czincila • Tracy • Choromanski (for SMP) • Benitez (for SMP)
4:00-4:30 pm	NRC Daily Debrief		All	
4:30-5:00 pm	Daily Debrief Meeting		Rob Kuntz, NRC Staff as needed	Wilson

Notes:

For the Aboveground Metallic Tanks Walkdown, the NRC staff would like to access yard areas where there are in-scope above ground tanks.

For the Buried and Underground Piping and Tanks Program Breakout, the staff would like the Structures Monitoring Program owner to participate the first half hour (from 2:00-2:30).

LICENSE RENEWAL – LIMERICK SITE AMP AUDIT SCHEDULE [10/3/11 – 10/14/11]

<i>Friday, October 7, 2011</i>				
<i>Time</i>	<i>Activity</i>	<i>Location</i>	<i>NRC</i>	<i>Exelon</i>
7:30-8:00 am	Morning Status Meeting		All	
9:00-9:30 am	Aboveground Metallic Tanks Program Breakout		<ul style="list-style-type: none">• Holston	<ul style="list-style-type: none">• Hess• Thoryk

LICENSE RENEWAL – LIMERICK SITE AMP AUDIT SCHEDULE [10/3/11 – 10/14/11]

Week of October 11, 2011

By LRA Section:

LRA AMP	AMP Title	NRC Reviewer	Exelon LR owner	LGS program owner
B.2.1.30	ASME Section XI, Subsection IWE	Skeikh	Clohecy	Budock
B.2.1.31	ASME Section XI, Subsection IWL	Istar	Clohecy	Budock
B.2.1.32	ASME Section XI, Subsection IWF	Buford	Clohecy	Budock
B.2.1.33	10 CFR Part 50, Appendix J	Prinaris	Geiger	Olsen
B.2.1.34	Masonry Walls	Lehman	Choromanski	Karimi
B.2.1.35	Structures Monitoring	Naus	Choromanski	Benitez
B.2.1.36	RG 1.127, Inspection of Water-Control Structures Associated with Nuclear Power Plants	Naus	Choromanski	Benitez
B.2.1.38	Insulation Material for Electrical Cables and Connections Not Subject to 10 CFR 50.49 Environmental Qualification Requirements	Li	Spamer	Soni
B.2.1.39	Insulation Material for Electrical Cables and Connections Not Subject to 10 CFR 50.49 Environmental Qualification Requirements Used in Instrumentation Circuits	Li	Spamer	Barth
B.2.1.40	Inaccessible Power Cables Not Subject to 10 CFR 50.49 Environmental Qualification Requirements	Doutt	Spamer	Soni
B.2.1.41	Metal Enclosed Bus	Nguyen	Spamer	Zaharchuk
B.2.1.42	Fuse Holders	Nguyen	Spamer	Rowcotsky
B.2.1.43	Electrical Cable Connections Not Subject to 10 CFR 50.49 Environmental Qualification Requirements	Nguyen	Spamer	Lind
B.3.1.2	Environmental Qualification (EQ) of Electric Components	Li	Spamer	Roy

LICENSE RENEWAL – LIMERICK SITE AMP AUDIT SCHEDULE [10/3/11 – 10/14/11]

By Reviewer:

NRC Reviewer	LRA Sections	Exelon Lead	LRA Sections
Abdul Sheikh	B.2.1.30	Clohecy	B.2.1.30, B.2.1.31, B.2.1.32
Ata Istar	B.2.1.31	Geiger	B.2.1.33
Angela Buford	B.2.1.32	Choromanski	B.2.1.34, B.2.1.35, B.2.1.36
Andrew Prinaris	B.2.1.33	Spamer	B.2.1.38-B.2.1.43, B.3.1.2
Bryce Lehman	B.2.1.34	Budock	B.2.1.30, B.2.1.31, B.2.1.32
Dan Naus	B.2.1.35, B.2.1.36	Olsen	B.2.1.33
Rui Li	B.2.1.38, B.2.1.39, B.3.1.2	Karimi	B.2.1.34
Cliff Doult	B.2.1.40	Benitez	B.2.1.35, B.2.1.36
Duc Nguyen	B.2.1.41, B.2.1.42, B.2.1.43	Soni	B.2.1.38, B.2.1.40
Donald Brittner	OpE	Barth	B.2.1.39
		Zaharchuk	B.2.1.41
		Rowcotsky	B.2.1.42
		Lind	B.2.1.43
		Roy	B.3.1.2

Additional NRC staff:

Name	Position
Rajender Auluck	Branch Chief, RASB
Robert Kuntz	Limerick Safety PM, Audit Team Lead

LICENSE RENEWAL – LIMERICK SITE AMP AUDIT SCHEDULE [10/3/11 – 10/14/11]

<i>Tuesday October 11, 2011</i>				
<i>Time</i>	<i>Activity</i>	<i>Location</i>	<i>NRC</i>	<i>Exelon</i>
7:30-8:00 am	Morning Status Meeting		All	
8:00am-4:00pm	AMP Bases Document Review		All	
4:00-4:30 pm	NRC Daily Debrief		All	
4:30-5:00 pm	Daily Debrief Meeting		Rob Kuntz, NRC Staff as needed	Wilson

LICENSE RENEWAL – LIMERICK SITE AMP AUDIT SCHEDULE [10/3/11 – 10/14/11]

<i>Wednesday, October 12, 2011</i>				
<i>Time</i>	<i>Activity</i>	<i>Location</i>	<i>NRC</i>	<i>Exelon</i>
7:30-8:00 am	Morning Status Meeting		All	
8:00am-4:00pm	AMP Bases Document Review		All	
4:00-4:30 pm	NRC Daily Debrief		All	
4:30-5:00 pm	Daily Debrief Meeting		Rob Kuntz, NRC Staff as needed	Wilson

LICENSE RENEWAL – LIMERICK SITE AMP AUDIT SCHEDULE [10/3/11 – 10/14/11]

<i>Thursday, October 13, 2011</i>				
<i>Time</i>	<i>Activity</i>	<i>Location</i>	<i>NRC</i>	<i>Exelon</i>
7:30-8:00 am	Morning Status Meeting		All	
8:00am-4:00pm	AMP Bases Document Review		All	
4:00-4:30 pm	NRC Daily Debrief		All	
4:30-5:00 pm	Daily Debrief Meeting		Rob Kuntz, NRC Staff as needed	Wilson

LICENSE RENEWAL – LIMERICK SITE AMP AUDIT SCHEDULE [10/3/11 – 10/14/11]

<i>Friday, October 13, 2011 – Open Schedule as needed/Travel Day</i>				
<i>Time</i>	<i>Activity</i>	<i>Location</i>	<i>NRC</i>	<i>Exelon</i>
8:30-11:30 am	AMP Bases Document Review, RAI and Audit Report Input Preparation.		All	
1:30-2:00 pm	AMP Site Audit Closeout Meeting		Rob Kuntz, NRC staff as needed	