

LimerickNPEm Resource

From: Christopher.Wilson2@exeloncorp.com
Sent: Thursday, September 15, 2011 7:52 AM
To: Rogers, Billy; Kuntz, Robert
Subject: Limerick License Renewal
Attachments: Owners.doc

Billy and Rob

This list can be used for both the S&S audit and the Program audits

Attached find the owners list for the LR engineers and the site counterparts. The first part of the list is the program owners. For the second part of the list I took the **Table 2.2-1 Plant Level Scoping Results table** from the LRA and put the owners in the left hand column to make it easy for you to match owners to systems. Any systems that are not in scope are shaded for easy recognition.

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Project/Plant Program Owners

NUREG 1801, Rev. 2 AMP	PBD Designation	Aging Management Program Name	LR Project Team Owner	LGS Program Owner
MECHANICAL				
XI.M1 ASME Section XI Inservice Inspection, Subsections IWB, IWC, and IWD	LG-AMP-PBD-XI.M1	ASME Section XI Inservice Inspection, Subsections IWB, IWC, and IWD	Jim Jordan	George Budock
XI.M2 Water Chemistry	LG-AMP-PBD-XI.M2	Water Chemistry	Shannon Rafferty-Czincila	Dave Ryan
XI.M3 Reactor Head Closure Stud Bolting	LG-AMP-PBD-XI.M3	Reactor Head Closure Stud Bolting	Jim Jordan	George Budock
XI.M4 BWR Vessel ID Attachment Welds	LG-AMP-PBD-XI.M4	BWR Vessel ID Attachment Welds	Jim Jordan	Michelle Karasek
XI.M5 BWR Feedwater Nozzle	LG-AMP-PBD-XI.M5	BWR Feedwater Nozzle	Jim Jordan	George Budock
XI.M6 BWR Control Rod Drive Return Line Nozzle	LG-AMP-PBD-XI.M6	BWR Control Rod Drive Return Line Nozzle	Jim Jordan	George Budock
XI.M7 BWR Stress Corrosion Cracking	LG-AMP-PBD-XI.M7	BWR Stress Corrosion Cracking	Jim Jordan	George Budock
XI.M8 BWR Penetrations	LG-AMP-PBD-XI.M8	BWR Penetrations	Jim Jordan	Michelle Karasek
XI.M9 BWR Vessel Internals	LG-AMP-PBD-XI.M9	BWR Vessel Internals	Jim Jordan	Michelle Karasek
XI.M17 Flow-Accelerated Corrosion	LG-AMP-PBD-XI.M17	Flow-Accelerated Corrosion	Charlotte Geiger	Mehul Gandhi
XI.M18 Bolting Integrity	LG-AMP-PBD-XI.M18	Bolting Integrity	Ron Hess	George Budock
XI.M20 Open-Cycle Cooling Water System	LG-AMP-PBD-XI.M20	Open-Cycle Cooling Water System	Ron Hess	Steve Olsen
XI.M21A Closed Treated Water Systems	LG-AMP-PBD-XI.M21A	Closed Treated Water Systems	Mark Miller	Jeremy Thoryk
XI.M23 Inspection of Overhead Heavy Load and Light Load (Related to Refueling) Handling Systems	LG-AMP-PBD-XI.M23	Inspection of Overhead Heavy Load and Light Load (Related to Refueling) Handling Systems	Jim Jordan	Lynn Hemler
XI.M24 Compressed Air Monitoring	LG-AMP-PBD-XI.M24	Compressed Air Monitoring	Charlotte Geiger	Sean Luessenhop
XI.M25 BWR Reactor Water Cleanup System	LG-AMP-PBD-XI.M25	BWR Reactor Water Cleanup System	Mark Miller	George Budock

NUREG 1801, Rev. 2 AMP	PBD Designation	Aging Management Program Name	LR Project Team Owner	LGS Program Owner
XI.M26 Fire Protection	LG-AMP-PBD-XI.M26	Fire Protection	Charlotte Geiger	Jim Brittain
XI.M27 Fire Water System	LG-AMP-PBD-XI.M27	Fire Water System	Charlotte Geiger	Jeremy Thoryk
XI.M29 Aboveground Metallic Tanks	LG-AMP-PBD-XI.M29	Aboveground Metallic Tanks	Ron Hess	Jeremy Thoryk
XI.M30 Fuel Oil Chemistry	LG-AMP-PBD-XI.M30	Fuel Oil Chemistry	Mark Miller	Mike Barth
XI.M31 Reactor Vessel Surveillance	LG-AMP-PBD-XI.M31	Reactor Vessel Surveillance	Mike Guthrie	Michelle Karasek
XI.M32 One-Time Inspection	LG-AMP-PBD-XI.M32	One-Time Inspection	Mark Miller	Steve Olsen
XI.M33 Selective Leaching of Materials	LG-AMP-PBD-XI.M33	Selective Leaching of Materials	Mary Kowalski	Steve Olsen
XI.M41 Buried and Underground Piping and Tanks	LG-AMP-PBD-XI.M41	Buried and Underground Piping and Tanks	Shannon Rafferty-Czincila-	Brian Tracy
XI.M35 One-time Inspection of ASME Code Class 1 Small-Bore Piping	LG-AMP-PBD-XI.M35	One Time Inspection of ASME Code Class 1 Small-Bore Piping	Jim Jordan	George Budock
XI.M36 External Surfaces Monitoring of Mechanical Components	LG-AMP-PBD-XI.M36	External Surfaces Monitoring of Mechanical Components	Mary Kowalski	Jim Berg/ Andrea Kopistansky
XI.M38 Inspection of Internal Surfaces in Miscellaneous Piping and Ducting Components	LG-AMP-PBD-XI.M38	Inspection of Internal Surfaces in Miscellaneous Piping and Ducting Components	Mary Kowalski	Joe Bendyk
XI.M39 Lubricating Oil Analysis	LG-AMP-PBD-XI.M39	Lubricating Oil Analysis	Ron Hess	Mike Alexis
XI.M40 Monitoring of Neutron-Absorbing Materials Other than Boraflex	LG-AMP-PBD-XI.M40	Monitoring of Neutron-Absorbing Materials Other than Boraflex	Mary Kowalski	Gary Snyder
X.M1 Metal Fatigue of Reactor Coolant Pressure Boundary	LG-AMP-PBD-X.M1	Metal Fatigue of Reactor Coolant Pressure Boundary	Mike Guthrie	Michelle Karasek
XI.S4 10 CFR 50, Appendix J	LG-AMP-PBD-XI.S4	10 CFR Part 50, Appendix J	Charlotte Geiger	Steve Olsen
STRUCTURAL				
XI.S1 ASME Section XI, Subsection IWE	LG-AMP-PBD-XI.S1	ASME Section XI, Subsection IWE	Dave Clohecy	George Budock

NUREG 1801, Rev. 2 AMP	PBD Designation	Aging Management Program Name	LR Project Team Owner	LGS Program Owner
XI.S2 ASME Section XI, Subsection IWL	LG-AMP-PBD-XI.S2	ASME Section XI, Subsection IWL	Dave Clohecy	George Budock
XI.S3 ASME Section XI, Subsection IWF	LG-AMP-PBD-XI.S3	ASME Section XI, Subsection IWF	Dave Clohecy	George Budock
XI.S5 Masonry Walls	LG-AMP-PBD-XI.S5	Masonry Walls	Wayne Choromanski	Davood Karimi
XI.S6 Structures Monitoring	LG-AMP-PBD-XI.S6	Structures Monitoring	Wayne Choromanski	Humberto Benitez
XI.S7 RG 1.127, Inspection of Water-Control Structures Associated with Nuclear Power Plants	LG-AMP-PBD-XI.S7	RG 1.127, Inspection of Water-Control Structures Associated with Nuclear Power Plants	Wayne Choromanski	Humberto Benitez
XI.S8 Protective Coating Monitoring and Maintenance Program	LG-AMP-PBD-XI.S8	Protective Coating Monitoring and Maintenance Program	Mark Miller	Humberto Benitez
ELECTRICAL				
XI.E1 Insulation Material for Electrical Cables and Connections Not Subject to 10 CFR 50.49 Environmental Qualification Requirements	LG-AMP-PBD-XI.E1	Insulation Materials for Electrical Cables and Connections Not Subject to 10 CFR 50.49 Environmental Qualification Requirements	Deb Spamer	Preet Soni
XI.E2 Insulation Material for Electrical Cables and Connections Not Subject to 10 CFR 50.49 Environmental Qualification Requirements Used in Instrumentation Circuits	LG-AMP-PBD-XI.E2	Insulation Material for Electrical Cables and Connections Not Subject to 10 CFR 50.49 Environmental Qualification Requirements Used in Instrumentation Circuits	Deb Spamer	Mike Barth
XI.E3 Inaccessible Power Cables Not Subject to 10 CFR 50.49 Environmental Qualification Requirements	LG-AMP-PBD-XI.E3	Inaccessible Power Cables Not Subject to 10 CFR 50.49 Environmental Qualification Requirements	Deb Spamer	Preet Soni
XI.E4 Metal Enclosed Bus	LG-AMP-PBD-XI.E4	Metal Enclosed Bus	Deb Spamer	Dan Zaharchuk
XI.E5 Fuse Holders	LG-AMP-PBD-XI.E5	Fuse Holders	Deb Spamer	Rob Rowcotsky
XI.E6 Electrical Cable Connections Not Subject to 10 CFR 50.49 Environmental Qualification Requirements	LG-AMP-PBD-XI.E6	Electrical Cable Connections Not Subject to 10 CFR 50.49 Environmental Qualification Requirements	Deb Spamer	Mike Lind

NUREG 1801, Rev. 2 AMP	PBD Designation	Aging Management Program Name	LR Project Team Owner	LGS Program Owner
X.E1 Environmental Qualification (EQ) of Electric Components	LG-AMP-PBD-X.E1	Environmental Qualification (EQ) of Electric Components	Deb Spamer	Niranjan Roy

Plant System / Component LR Leads & Site Reviewers

Table 2.2-1 Plant Level Scoping Results

System, Structure or Commodity Group (LR Engineer/Site Engineer)	In Scope for License Renewal?	Scoping and Screening Results Section
Reactor Vessel, Internals, and Reactor Coolant System		
Reactor Coolant Pressure Boundary (Jordan/Nugent)	Yes	2.3.1.1
Reactor Pressure Vessel (Jordan/Budock)	Yes	2.3.1.2
Reactor Vessel Internals (Jordan/Karasek)	Yes	2.3.1.3
Engineered Safety Features		
Containment Atmosphere Control System (Jordan/Roco)	Yes	2.3.2.1
Core Spray System (Miller/Berg)	Yes	2.3.2.2
High Pressure Coolant Injection System (Rafferty/ Berg)	Yes	2.3.2.3
Reactor Core Isolation Cooling System (Rafferty / Hemler)	Yes	2.3.2.4
Residual Heat Removal System (Geiger/Hemler)	Yes	2.3.2.5
Standby Gas Treatment System (Kowalski/Bendyk)	Yes	2.3.2.6
Auxiliary Systems		
Auxiliary Steam System (Geiger/Moyer)	Yes	2.3.3.1
Closed Cooling Water System (Miller/Luessenhop)	Yes	2.3.3.2

Table 2.2-1 Plant Level Scoping Results

System, Structure or Commodity Group (LR Engineer/Site Engineer)	In Scope for License Renewal?	Scoping and Screening Results Section
Compressed Air System (Geiger/Luessenhop)	Yes	2.3.3.3
Control Enclosure Ventilation System (Kowalski/Bendyk/Tracey)	Yes	2.3.3.4
Control Rod Drive System (Jordan/Nugent)	Yes	2.3.3.5
Cranes and Hoists (Jordan/Nugent)	Yes	2.3.3.6
Emergency Diesel Generator Enclosure Ventilation System (Kowalski/Fayewicz)	Yes	2.3.3.7
Emergency Diesel Generator System (Jordan/Barth)	Yes	2.3.3.8
Fire Protection System (Geiger/Thoryk)	Yes	2.3.3.9
Fuel Handling and Storage (Jordan/Hemler)	Yes	2.3.3.10
Fuel Pool Cooling and Cleanup System (Jordan/Nugent)	Yes	2.3.3.11
Miscellaneous Ventilation System	No	
Nonsafety-Related Service Water System (Hess/Luessenhop)	Yes	2.3.3.12
Plant Drainage System (Miller/Kopistansky)	Yes	2.3.3.13
Primary Containment Instrument Gas System (Miller/Thoryk)	Yes	2.3.3.14
Primary Containment Leak Testing System (Kowalski/Olsen)	Yes	2.3.3.15
Primary Containment Ventilation System (Kowalski/Thoryk)	Yes	2.3.3.16
Process Radiation Monitoring System (Geiger/Varghese)	Yes	2.3.3.17

Table 2.2-1 Plant Level Scoping Results

System, Structure or Commodity Group (LR Engineer/Site Engineer)	In Scope for License Renewal?	Scoping and Screening Results Section
Process and Post-Accident Sampling System (Geiger/Tracey)	Yes	2.3.3.18
Radwaste System (Miller/Kopistansky)	Yes	2.3.3.19
Reactor Enclosure Ventilation System (Kowalski/Bendyk)	Yes	2.3.3.20
Reactor Water Cleanup System (Miller/Roco)	Yes	2.3.3.21
Safety Related Service Water System (Hess/Kopistansky)	Yes	2.3.3.22
Spray Pond Pump House Ventilation System (Kowalski/Bendyk)	Yes	2.3.3.23
Standby Liquid Control System (Hess/Thoryk)	Yes	2.3.3.24
Traversing Incore Probe System (Jordan/Varghese)	Yes	2.3.3.25
Water Treatment and Distribution System (Hess/Vogdes)	Yes	2.3.3.26
Steam and Power Conversion System		
Circulating Water System (Geiger/Luessenhop)	Yes	2.3.4.1
Condensate System (Miller/Vogdes)	Yes	2.3.4.2
Condenser and Air Removal System (Hess/Vogdes)	Yes	2.3.4.3
Extraction Steam System (Hess/Moyer)	Yes	2.3.4.4
Feedwater System (Miller/Moyer)	Yes	2.3.4.5
Main Generator System (Hess/V. Patel)	No	
Main Steam System (Hess/Nugent)	Yes	2.3.4.6

Table 2.2-1 Plant Level Scoping Results

System, Structure or Commodity Group (LR Engineer/Site Engineer)	In Scope for License Renewal?	Scoping and Screening Results Section
Main Turbine (Hess/Davis)	Yes	2.3.4.7
Structures and Component Supports		
220 and 500 kV Substations (Choromanski/Zaharchuk)	Yes	2.4.1
Admin Building Shop and Warehouse (Clohecy/Benitez)	Yes	2.4.2
Auxiliary Boiler and Lube Oil Storage Enclosure (Choromanski/Karimi)	Yes	2.4.3
Chemistry Lab (Choromanski/Benitez)	No	Comment 1
Circulating Water Pump House (Choromanski/Karimi)	Yes	2.4.4
Component Supports Commodities Group (Choromanski/Benitez)	Yes	2.4.5
Control Enclosure (Choromanski/Karimi)	Yes	2.4.6
Cooling Towers (Choromanski/Karimi)	Yes	2.4.7
Diesel Oil Storage Tank Structures (Choromanski/Benitez)	Yes	2.4.8
Emergency Diesel Generator Enclosure (Choromanski/Benitez)	Yes	2.4.9
Independent Spent Fuel Storage Installation	No	Comment 2
Office and Administrative Facilities (Clohecy/Karimi)	No	Comment 3
Piping and Component Insulation Commodity Group (Clohecy/Benitez)	Yes	2.4.10
Primary Containment (Clohecy/Karimi)	Yes	2.4.11
Radwaste Enclosure (Choromanski/Karimi)	Yes	2.4.12

Table 2.2-1 Plant Level Scoping Results

System, Structure or Commodity Group (LR Engineer/Site Engineer)	In Scope for License Renewal?	Scoping and Screening Results Section
Reactor Enclosure (Clohecy/Karimi)	Yes	2.4.13
Security Structures (Clohecy/Benitez)	No	Comment 4
Service Water Pipe Tunnel (Clohecy/Benitez)	Yes	2.4.14
Spray Pond and Pump House (Clohecy/Karimi)	Yes	2.4.15
Turbine Enclosure (Clohecy/Benitez)	Yes	2.4.16
Water Intake Structures (Clohecy/Karimi)	No	Comment 5
Water Treatment Building (Clohecy/Karimi)	No	Comment 6
Yard Facilities (Choromanski/Benitez)	Yes	2.4.17
Electrical Components		
120 VAC System (Spamer/Patel)	Yes	2.5
13 kV System (Spamer/Zaharchuk)	Yes	2.5
4 kV System (Spamer/Barth)	Yes	2.5
480 V System (Spamer/Barth)	Yes	2.5
Annunciator System (Spamer/Trexler)	No	
Automatic Depressurization System (Spamer/Nugent)	Yes	2.5
Cathodic Protection System (Spamer/Song)	No	
Communications System (Spamer/Trexler)	Yes	2.5
DC Power System (Spamer/Barth)	Yes	2.5
Lighting System (Spamer/Barth)	Yes	2.5
Miscellaneous I&C System (Spamer/Trexler)	No	
Neutron Monitoring System (Spamer/Varghese)	Yes	2.5

Table 2.2-1 Plant Level Scoping Results

System, Structure or Commodity Group (LR Engineer/Site Engineer)	In Scope for License Renewal?	Scoping and Screening Results Section
Nuclear Boiler Instrumentation System (Spamer/Varghese)	Yes	2.5
Offsite Power System (Spamer/Zaharchuk)	Yes	2.5
Plant Leak Detection and Radiation Monitoring System (Spamer/Varghese)	Yes	2.5
Primary Containment Isolation System (Spamer/Varghese)	Yes	2.5
Reactor Manual Control System (Spamer/Varghese)	Yes	2.5
Reactor Protection System (Spamer/Varghese)	Yes	2.5
Redundant Reactivity Control System (Spamer/Varghese)	Yes	2.5
Remote Shutdown System (Spamer/Roco)	Yes	2.5
Security System (Spamer/Trexler)	No	