

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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Tracking Status: None
"Kuntz, Robert" <Robert.Kuntz@nrc.gov>
Tracking Status: None

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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 | |