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**Date:** Mon, Jun 26, 2006 10:58 AM  
**Subject:** Audit report Attachment 5 - List of Documents

Hello,

Attached is the attachement that Francine put together of the references that we used during our audit at Pilgrim. She used the LRPD binders to input the documents, plus any other documents that you may have given her. If you have used other attachements that are not on the list, then please add them to your AMP or section.

Erach

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**Subject:** Audit report Attachment 5 - List of Documents  
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**From:** <erachp@comcast.net>

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**Files**

Files	Size
MESSAGE	343
TEXT.htm	588
Audit_Report_Attachment_5.doc	
Mime.822	144451

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**Options**

**Expiration Date:** None  
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**ReplyRequested:** No  
**Return Notification:** None

**Concealed Subject:** No  
**Security:** Standard

**Junk Mail Handling Evaluation Results**

Message is eligible for Junk Mail handling  
This message was not classified as Junk Mail

**Junk Mail settings when this message was delivered**

Junk Mail handling disabled by User  
Junk Mail handling disabled by Administrator  
Junk List is not enabled  
Junk Mail using personal address books is not enabled  
Block List is not enabled

**Attachment 5****List of Documents Reviewed**

The following is a list of applicant documents reviewed by the project team, including documents prepared by others for the applicant. Inclusion of a document on this list does not imply that the project team reviewed the entire document, but, rather that selected sections or portions of the documents were reviewed as part of the overall effort documented in this audit and review report. In addition, inclusion of a document in this list does not imply NRC acceptance of the document.

<b>Applicant's Aging Management Program</b>	<b>GALL Report Aging Management Program</b>	<b>LRA-AMP Basis Document and Other Documents Reviewed</b>
Boraflex Monitoring Program (B.1.1)	XI.M22, Boraflex Monitoring	<p>PNPS Evaluation of Aging Management Programs, B.1.1 / AMPER 4.1: Boraflex Monitoring Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.1, Boraflex Monitoring Program</p> <p>NUREG-1801, Rev.1, Chapter XI.M22, Boraflex Monitoring</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.1, Boraflex Monitoring Program.</p> <p>PNPS Nuclear Organization Procedure No. 7.8.1, Rev. 40, Chemistry Sample and Analysis Program</p> <p>Condition Report (Entergy) CR-PNP-2004-00285, REO Spent Fuel Pool Boraflex</p>
Buried Piping and Tanks Inspection Program (B.1.2)	XI.M34, Buried Piping and Tanks Inspection	<p>PNPS Evaluation of Aging Management Programs, B.1.2 / AMPER 3.1: Buried</p> <p>Piping and Tanks Inspection Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 3.1, Buried Piping and Tanks Inspection Program</p> <p>NUREG-1801, Chapter XI.M34, Buried Piping and Tanks Inspection</p>

<p>BWR CRD Return Line Nozzle Program (B.1.3)</p>	<p>XI.M6, BWR Control Rod Drive Return Line Nozzle</p>	<p>PNPS Evaluation of Aging Management Programs, B.1.3 / AMPER 4.2: BWR CRD Return Line Nozzle Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.2, BWR CRD Return Line Nozzle Program</p> <p>NUREG-1801, Rev.1, Chapter XI.M6, BWR Control Rod Drive Return Line Nozzle</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.2, BWR CRD Return Line Nozzle Program</p> <p>Condition Report (Entergy) CR-PNP-2003-03719, CRD Return Nozzle N10 Cap.</p> <p>PNPS Letter, Licensee Event Report (LER 2003-006-000) to U.S. Nuclear Regulatory Commission, November 24, 2003</p> <p>PNPS Nuclear Organization Procedure NOP83M1, Rev. 8, ASME Code Repairs and Replacements Program</p> <p>PNPS Nuclear Organization Procedure NOP92M2, Rev. 4, ASME Inservice Inspection and Inservice Testing</p> <p>NRC Correspondence to PNPS, 2/25/05, Relief Request PRR-36, (TAC No. MC0921)</p>
<p>BWR Feedwater Nozzle Program (B.1.4)</p>	<p>XI.M5, BWR Feedwater Nozzle</p>	<p>PNPS Evaluation of Aging Management Programs, B.1.4 / AMPER 4.3: BWR Feedwater Nozzle Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.3, BWR Feedwater Nozzle Program</p> <p>NUREG-1801, Rev.1, Chapter XI.M5, BWR Feedwater Nozzle</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.3, Feedwater Nozzle Program</p> <p>NE15.08, Rev 01, Control of Augmented Examinations</p> <p>NOP83M1, Rev 8, ASME Code Repairs and Replacements</p> <p>NOP92M2, Rev 04, ASME Inservice Inspection and Inservice Testing</p> <p>NRC Letter 184148 dated 5/29/84, Domenic B. Vassallo to William D. Harrington, NUREG-0619, BWR Feedwater Nozzle and CRD Return Line Nozzle Cracking</p> <p>NUREG-0619, BWR Feedwater Nozzle and Control Rod Drive Return Line Nozzle Cracking, November 1980</p> <p>PNPS-RPT-5-05-001, Rev 0, ASME Section XI Fourth Ten-Year Interval Inservice</p> <p>TDBD-108, Rev. 1, Topical Design Basis Document for Inservice Inspection (ISI)</p>

BWR Penetrations (B.1.5)	XI.M8, BWR Penetrations	<p>PNPS Evaluation of Aging Management Programs, B.1.5 / AMPER 4.4: BWR Penetrations Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.4, BWR Penetrations Program</p> <p>NUREG-1801, Rev.1, Chapter XI.M8, BWR Penetrations</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.4, BWR Penetrations Program.</p> <p>PNPS Procedure NE21.01, Rev. 5, Reactor Vessel Internals Inspection Implementing Procedure</p> <p>PNPS Nuclear Organization Procedure NOP01A1, Rev. 1, Reactor Vessel Internals Management Program</p> <p>PNPS Nuclear Organization Procedure NOP83M1, Rev. 8, ASME Code Repairs and Replacements</p> <p>PNPS-RPT-05-001, ASME B&amp;PV Code Section XI Fourth Ten-Year Inspection Interval Inservice Inspection (ISI) Program Plan, Rev. 0, July 1, 2005</p>
BWR Stress Corrosion Cracking (B.1.6)	XI.M7, BWR Stress Corrosion Cracking	<p>PNPS Evaluation of Aging Management Programs, B.1.6 / AMPER 4.5: BWR Stress Corrosion Cracking Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.5, BWR Stress Corrosion Cracking Program</p> <p>NUREG-1801, Rev.1, Chapter XI.M7, BWR Stress Corrosion Cracking. PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.4, BWR Penetrations Program</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.5, BWR Stress Corrosion Cracking Program</p> <p>PNPS Procedure NE15.08, Rev. 1, Control of Augmented Examinations</p> <p>PNPS Nuclear Organization Procedure NOP83M1, Rev. 8, ASME Code Repairs and Replacements</p> <p>PNPS Nuclear Organization Procedure NOP92M2, Rev. 4, ASME Code Inservice Inspection and Inservice Testing</p>

BWR Vessel ID Attachment Welds (B.1.7)	XI.M4, BWR Vessel ID Attachment Welds	<p>PNPS Evaluation of Aging Management Programs, B.1.7 / AMPER 4.6: BWR Vessel ID Attachments Welds Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.6, BWR Vessel ID Attachment Welds Program</p> <p>NUREG-1801, Rev.1, Chapter XI.M4, BWR Vessel ID Attachment Welds</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.6, BWR Attachment Welds Program</p> <p>PNPS Procedure NE21.01, Rev. 5, Reactor Vessel Internals Inspection Implementing Procedure</p> <p>PNPS Nuclear Organization Procedure NOP01A1, Rev. 1, Reactor Vessel Internals Management Program</p> <p>PNPS Nuclear Organization Procedure NOP83M1, Rev. 8, ASME Code Repairs and Replacements</p>
BWR Vessel Internals (B.1.8)	XI.M9, BWR Vessel Internals	<p>PNPS Evaluation of Aging Management Programs, B.1.8 / AMPER 4.7: BWR Vessel Internals Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.7, BWR Vessel Internals Program</p> <p>NUREG-1801, Rev.1, Chapter XI.M9, BWR Vessel Internals</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.7, BWR Vessel Internals Program</p> <p>PNPS Response to NRC Staff Request for additional information, Boston Edison to U.S. Nuclear Regulatory Commission, March 21, 1995</p> <p>PNPS CALC No. M-1017, Revision 0, PNPS Top Guide Weld and Hold-Down Assembly Inspection Evaluation (GE Nuclear Energy, GENE – B13-02080-00-04-01, Revision 0, Section 4)</p> <p>PNPS Procedure NE21.01, Rev. 5, Reactor Vessel Internals Inspection Implementing Procedure</p> <p>PNPS Nuclear Organization Procedure NOP01A1, Rev. 1, Reactor Vessel Internals Management Program Procedure</p>

Containment Leak Rate Program (B.1.9)	XI.S4, 10 CFR 50, Appendix J, Containment Leak Rate	<p>PNPS Evaluation of Aging Management Programs, B.1.9 / AMPER 4.8: Containment Leak Rate Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.8, Containment Leak Program</p> <p>NUREG-1801, Rev.1, Chapter XI.S4, 10 CFR 50, Appendix J, Containment Leak Rate Program</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.8, Containment Leak Rate Program</p> <p>PNPS Procedure No. 8.7.1.3, Rev. 21, Local Leak Rate Test Program Procedure</p> <p>PNPS Procedure No. 8.7.1.3.1, Rev. 2, Performance Based Leakage Testing of the Primary Containment Procedure</p> <p>PNPS Procedure No. 8.7.1.4.2, Rev. 13, Primary Containment Integrated Leakage Rate Test Procedure</p>
Diesel Fuel Monitoring Program (B.1.10)	XI.M30, Fuel Oil Chemistry Program	<p>PNPS Evaluation of Aging Management Programs, B.1.8 / AMPER 4.9: Diesel Fuel Monitoring Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.9, Diesel Fuel Monitoring Program</p> <p>NUREG-1801, Rev.1, Chapter XI.M30, Fuel Oil Chemistry</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.9, Diesel Fuel Monitoring Program</p> <p>PNPS Procedure No. 7.1.87, Rev. 12, Diesel fuel Oil Storage Tank Sampling Procedure</p> <p>PNPS Procedure No. 7.8.1, Rev. 40, Chemistry Sample and Analysis Program Procedure</p> <p>PNPS Procedure No. 7.8.7, Rev. 1, Recording and Trending of Chemistry Data Procedure</p> <p>PNPS Maintenance Request, MR9400207, Diesel Fuel Oil Storage Tank Calibration and Alarm Check</p> <p>PNPS Maintenance Request, MR9400207, Preventive Maintenance</p>



Environmental Qualification (EQ) of electric components Program (B1.11)	X.E1, Environmental Qualification (EQ) of Electric Components	<p>PNPS Evaluation of Aging Management Programs, B.1.11 / AMPER 4.10: Environmental Qualification (EQ) of Electric Components Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.10, Environmental Qualification (EQ) of Electric Components Program</p> <p>NUREG-1801, Rev.1, Chapter X.E1, Environmental Qualification (EQ) of Electric Components Program</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.10, Environmental Qualification (EQ) of Electric Components Program</p> <p>Entergy Nuclear Management Manual, ENN-DC-164, Rev. 2.</p> <p>PNPS Environmental Qualification Master List, Revision E51</p>
Fatigue Monitoring Program (B.1.12)	X.M1, Metal Fatigue of Reactor Coolant Pressure Boundary	<p>PNPS Evaluation of Aging Management Programs, B.1.12 / AMPER 4.11: Fatigue Monitoring Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.11, Fatigue Monitoring Program</p> <p>NUREG-1801, Rev.1, Chapter X.M1, Metal Fatigue of Reactor Coolant Pressure Boundary Program</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.11, Fatigue Monitoring Program</p> <p>PNPS Procedure No. 1.3.118, Rev. 1, Reactor Vessel Fatigue Cyclic Duty Monitoring Program Procedure</p>

<p>Fire Protection Program (B.1.13.1)</p>	<p>XI.M26, Fire Protection and XI.M27, Fire Water System</p>	<p>PNPS Evaluation of Aging Management Programs, B.1.13.1 / AMPER 4.12.1: Fire Protection Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.12, Fire Protection Programs</p> <p>NUREG-1801, Rev.1, Chapter XI.M26, Fire Protection Program</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.12, Fire Protection Program</p> <p>PNPS Procedure No. 8.B.1, Rev. 64, Fire Pump Test Procedure</p> <p>PNPS Procedure No. 8.B.15, Rev. 36, Functional Tests of Fire Pumps – P-135, P-140, and P-181 Procedures</p> <p>PNPS Procedure No. 8.B.17.1, Rev. 17, Inspection of Fire Door Assemblies Procedure</p> <p>PNPS Procedure No. 8.B.17.2, Rev. 9, Inspection of fire Damper Assemblies Procedure</p> <p>PNPS Procedure No. 8.B.22, Rev. 28, HALON 1301 System – Cable Spreading Room Procedure</p> <p>PNPS Procedure No. 8.B.29, Rev. 7, Inspection of Fire Barriers Procedure</p>
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Fire Water System Program (B1.13.2)	XI.M27, Fire Water System	<p>PNPS Evaluation of Aging Management Programs, B.1.13.2 / AMPER 4.12.2: Fire Water System Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.12.2, Fire Water System Program</p> <p>NUREG-1801, Rev.1, Chapter XI.M27, Fire Water System Program</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.13, Fire Water System Program</p> <p>PNPS Procedure No. 8.B.3.1, Rev. 14, Fire Hose Station Equipment Inspection – FSAR Related Procedure</p> <p>PNPS Procedure No. 8.B.6.1, Rev. 5, EDG A Pre-action sprinkler system Functional Test Procedure</p> <p>PNPS Procedure No. 8.B.6.2, Rev. 6, EDG "Pre-action Sprinkler System Functional Test Procedure</p> <p>PNPS Procedure No. 8.B.6.8, Rev. 8, Recirc. Pump MG Set Oil Skid Pre-action Sprinkler system Functional Test Procedure</p> <p>PNPS Procedure No. 8.B.6.10, Rev. 5, Hydrogen Seal Oil Supply Reaction System Functional Test Procedure</p> <p>PNPS Procedure No. 8.B.6.13, Rev. 4, Pre-action Sprinkler System Water Flow Alarm Functional Test Procedure</p> <p>PNPS Procedure No. 8.B.8, Rev. 16, Fire Hydrant Operability Procedure</p> <p>PNPS Procedure No. 8.B.9.1, Rev. 4, Wet and Dry Pipe Sprinklers Main Drain Test Procedure</p> <p>PNPS Procedure No. 8.B.9.1.1, Rev. 5, Reactor Building Sprinklers Main</p> <p>PNPS Procedure No. 8.B.9.1.2, Rev. 5, Support and Sewerage Treatment Buildings Sprinkler Main Drain Test Procedure</p> <p>PNPS Procedure No. 8.B.9.1.3, Rev. 6, Condenser Bay Sprinkler Main Drain Test Procedure</p> <p>PNPS Procedure No. 8.B.9.1.4, Rev. 4, Gas Bottle Storage Sprinkler Main Drain Test Procedure.</p> <p>PNPS Procedure No. 8.B.12, Rev. 28, Fire Protection System Flow Test Procedure. Hydrostatic Testing and Surveillances of Fire Hose FSAR Related Procedure</p> <p>PNPS Procedure No. 8.B.15, Rev. 36, Functional Tests of Fire Pumps - P-135, P- 140, and P-181 Procedure</p> <p>PNPS Procedure No. ARP-C7R, Rev.13, Alarm Response Procedure</p>
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Flow-Accelerated Corrosion Program (B.1.14)	XI.M17, Flow-Accelerated Corrosion	<p>PNPS Evaluation of Aging Management Programs, B.1.14 / AMPER 4.13: Flow-Accelerated Corrosion Program</p> <p>PNPS License Renewal Project Aging Management Program Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.14, Flow Accelerated Corrosion Program</p> <p>NUREG-1801, Rev.1, Chapter XI.M17, Flow Accelerated Corrosion</p> <p>Entergy Nuclear Management Manual, ENN-DC-315</p> <p>Entergy Engineering Standard, ENN-CS-008</p> <p>Entergy Procedure, ENN-NDE-9.05</p> <p>PNPS Maintenance Request, MR02107756, Replace Extraction Steam Piping on Feedwater Heater E-101A and E-101B</p> <p>PNPS Maintenance Request, MR04105897, Upgrade the Remaining Carbon Steel Portions of Heater E-104B Operating Vent Line with FAC Resistant Material</p> <p>PNPS Maintenance Request, MR04105898, Upgrade the Remaining Carbon steel Portion of Heater E-104A Operating Vent Line with FAC Resistant Material</p> <p>PNPS Maintenance Request, MR04105899, Upgrade the Remaining Carbon Steel Portions of the Heater E-103B Operating Vent with FAC Resistant Material</p>
Heat Exchanger Monitoring Program (B.1.15)		<p>PNPS Evaluation of Aging Management Programs, B.1.15 / AMPER 3.2: Heat Exchanger Monitoring Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 3.2, Heat Exchanger Monitoring Program</p>
Containment Inservice Inspection (CII) Program (B.1.16.1)		<p>PNPS Evaluation of Aging Management Programs, B.1.16.1 / AMPER 4.14.2: Containment Inservice Inspection (CII) Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.1.14.2, Containment Inservice Inspection (CII) Program</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.16, Containment Inservice Inspection (CII) Program</p> <p>PNPS Procedure No. 2.1.87, Rev. 4, ASME Code Visual Examination of Primary Containment Procedure</p> <p>Entergy Engineering Standard, ENN-EP-S-001</p>

In-service Inspection (B.1.16.2)		<p>PNPS Evaluation of Aging Management Programs, B.1.16.2 / AMPER 4.14.1: Internal Inspection (ISI) Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.14.1, Inservice Inspection (ISI) Program</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.15, Inservice Inspection (ISI) Program</p> <p>PNPS Procedure No. NE15.03, Rev. 0, Performing, Reporting, and Controlling ISI Activities Procedure</p> <p>PNPS Nuclear Organization Procedure NOP92M2, Rev. 4, ASME Code Inservice Inspection and Inservice Testing</p>
Instrument Air Quality Program (B.1.17)		<p>PNPS Evaluation of Aging Management Programs, B.1.17/ AMPER 4.15: Instrument Air quality Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.15, Instrument Air Quality Program</p> <p>NUREG-1801, No Corresponding Program</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.17, Instrument Quality Program</p> <p>PNPS Procedure No. 7.1.69, Rev. 10, System Air Quality Sampling Procedure</p>
Metal-Enclosed Bus Inspection Program (B.1.18)	XI.E4, Metal –Enclosed Bus	<p>PNPS Evaluation of Aging Management Programs, B.1.18/ AMPER 3.3: Metal-Enclosed Bus Inspection Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 3.3, Metal Enclosed Bus Inspection Program</p> <p>NUREG-1801, Rev.1, Chapter XI.E4, Metal Enclosed Bus</p>
Non-EQ Inaccessible Medium-Voltage (B.1.19)	XI.E3, Inaccessible Medium-Voltage Cable Program	<p>PNPS Evaluation of Aging Management Programs, B.1.19/ AMPER 3.4: Non-EQ Inaccessible Medium-Voltage Cable Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 3.4, Non-EQ Inaccessible Medium-Voltage Cable Program</p> <p>NUREG-1801, Rev.1, Chapter XI.E3, Inaccessible Medium-Voltage Cables not Subject to 10 CFR 50.49 Environmental Qualification Requirements</p>

Non-EQ Circuits Test Review Program (B1.20)	XI.E2, Electrical Cables and Connections Not Subject to 10CFR50.49 Environmental Qualification Requirements Used in Instruments Circuits	<p>Programs, B.1.20/ AMPER 3.5: Non-EQ Circuits Test Review Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 3.5, Non-EQ Instrumentation Circuits Test Review Program</p> <p>NUREG-1801, Rev.1, Chapter XI.E2, Electrical Cables and Connections Not Subject to 10 CFR 50.49 Environmental Qualification Requirements Used in Instrument Circuits</p>
Non-EQ Insulated Cables and Connections Program (B.1.21)	XI.E1, Electrical Cables and Connections Not Subject to 10 CFR 50.49 Environmental Qualification Requirements	<p>Programs, B.1.21/ AMPER 3.6: Non-EQ Cables and Connections Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 3.6, Non-EQ Insulated Cables and connections Program</p> <p>NUREG-1801, Rev.1, Chapter XI.E1, Electrical Cables and Connections Not Subject to 10 CFR 50.49 Environmental Qualification Requirements</p> <p>PNPS License Renewal Project, Electrical Screening and Aging Management Reviews, AMRE-01, Revision 2</p>
Oil Analysis Program (B1.22)	XI.M39, Lubricating Oil Analysis	<p>PNPS Evaluation of Aging Management Programs, B.1.22/ AMPER 4.16: Oil Analysis Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.26, Oil Analysis Program</p> <p>NUREG-1801, Chapter XI.M39 Lubricating Oil Analysis Program</p> <p>PNPS License Renewal Project Aging Management Program Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.18, Oil Analysis Program</p> <p>PNPS Procedure No. 3.M.3-23.1, Rev. 6, Security Diesel System Maintenance Procedure</p> <p>PNPS Procedure No. 3.M.4-17.4, Rev. 26, Lubrication Sampling and Change Procedure</p> <p>PNPS Procedure No. 3.M.4-58, Rev. 13, Rebuilding Reactor Water Cleanup Pumps P-204A and P-204B Procedure</p> <p>PNPS Procedure No. 3.M.4-123, Rev. 1, Diesel Fire Pump (P-140) Engine Maintenance Procedure</p> <p>Entergy Predictive Maintenance Program, ENN-DC-S-310, Rev. 0</p>

One-Time inspection Program (B.1.23)	XI.M32, One-Time Inspection Program	<p>PNPS Evaluation of Aging Management Programs, B.1.23 / AMPER3.7: One-Time Inspection Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 3.7, One-Time Inspection Program</p> <p>NUREG-1801, Rev.1, Chapter XI.M32, One-Time Inspection</p>
Periodic Surveillance and Preventive Maintenance Program, Volume 1, (B.1.24)		<p>PNPS Evaluation of Aging Management Programs, B.1.24/ AMPER 4.17: Periodic Surveillance and Preventive maintenance Program, Volume 1</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.17, Periodic Surveillance and Preventive Maintenance Program</p> <p>NUREG-1801, No Corresponding Program</p> <p>PNPS License Renewal Project Aging Management Program Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.19, Periodic Surveillance and Preventive Maintenance Program</p> <p>PNPS Procedure No. 3.M.1-12.1, Rev. 5, Reactor Building Crane Preventive Maintenance Procedure</p> <p>PNPS Procedure No. 3.M.1-50, Rev. 1, Refuel Platform Pre-refueling Mechanical Checkout Procedure</p> <p>PNPS Procedure No. 3.M.3-23.2, Rev. 6, Security Diesel System Maintenance Procedure</p> <p>PNPS Procedure No. 3.M.3-63, Rev. 26, Emergency Diesel Generator Two-Year Overhaul Preventive Maintenance Procedure</p>

Reactor Head Closure Studs (B.1.25)	XI.M3, Reactor Head Closure Studs	<p>PNPS Evaluation of Aging Management Programs, B.1.25 / AMPER 4.18: Reactor Head Closure Studs Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.18, Reactor Head Closure Studs Program</p> <p>NUREG-1801, Rev.1, Chapter XI.M16, Reactor Head Closure Studs</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.20, Reactor Head Closure Studs Program</p> <p>PNPS Procedure No. 2.1.8.3, Rev.13, Visual Examination For Leakage During System Pressure Testing Procedure</p> <p>PNPS Procedure No. 3.M.4-48.3, Rev.20, Visual Examination For Leakage During System Pressure Testing Procedure</p> <p>ABB Combustion Engineering Report: Allowable Torque For Removal of BWR Reactor Vessel Stud</p> <p>GE Nuclear Energy Division, Specification for Reactor Pressure Vessel, 21A1110, Rev. 2</p> <p>PNPS Nuclear Organization Procedure NOP83M1, Rev. 8, ASME Code Repairs and Replacements</p> <p>PNPS Nuclear Organization Procedure NOP92M2, Rev. 4, ASME Code Inservice Inspection and Inservice Testing Procedure</p>
Selective Leaching Program (B.1.27)	XI.M33, Selective Leaching of Material	<p>PNPS Evaluation of Aging Management Programs, B.1.27 / AMPER 3.8: Selective Leaching Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 3. 8, Selective Leaching Program</p> <p>NUREG-1801, Rev.1, Chapter XI.M33, Selective Leaching Materials</p>
Service Water Integrity Program (B.1.28)	XI.M20, Open-Cycle cooling Water System	<p>PNPS Evaluation of Aging Management Programs, B.1.28 / AMPER 4.20: Service Water Integrity Program</p> <p>PNPS License Renewal Project Aging Management Program Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.22, Service Water Integrity Program</p> <p>NUREG-1801, Rev.1, Chapter XI.M20, Open Cycle Cooling Water System</p> <p>PNPS Specification for SSW &amp; RBCCW Safety-Related Piping &amp; Heat Exchanger, Maintenance and Testing</p> <p>PNPS Nuclear Organization Procedure NOP02E1, Rev. 1, Service Water Inspections, Maintenance, and Testing in Response to Generic Letter 89-13</p>



Masonry Wall Program (B.1.29.1)	XI.S5, Masonry Wall Program	<p>PNPS Evaluation of Aging Management Programs, B.1.29.1 / AMPER 4.21.2: Masonry Wall Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.21.2, Masonry Wall Program</p> <p>NUREG-1801, Chapter XI.S5, Masonry Wall Program</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.24, Masonry Wall Program</p> <p>Maintenance Rule SSC Basis Document Manual, MRSSC58, Revision 1</p> <p>PNPS Procedure No. NE8.02, Rev.3, Structure Inspection and Condition Monitoring Procedure</p>
Structures Monitoring Program (B.1.29.2)	XI.S6, Structures Monitoring Program	<p>PNPS Evaluation of Aging Management Programs, B.1.29.2 / AMPER 4.21.1: Structures Monitoring Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.21.1, Structures Monitoring Program</p> <p>NUREG-1801, Chapter XI.S6, Structures Monitoring Program</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.23, Structures Monitoring Program</p> <p>Maintenance Rule SSC Basis Document Manual, MRSSC58, Revision 1</p> <p>PNPS Procedure No. NE8.02, Rev.3, Structure Inspection and Condition Monitoring Procedure</p>
Water Control Structures Monitoring Program (B.1.29.3)	XI.S7, RG 1.127, Water Control Structures Monitoring Program	<p>PNPS Evaluation of Aging Management Programs, B.1.29.3 / AMPER 4.21.3: Structures Monitoring Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.21.3, Water Control Structures Monitoring Program</p> <p>NUREG-1801, Chapter XI.S7, RG 1.127, Inspection of Water-Control Structures Associated with Nuclear Power Plants</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.24, Water Control Structures Monitoring Program</p> <p>PNPS Procedure No. 3.M.5-3, Rev. 0 Breakwater Monitoring and Repair Procedure</p>

System Walkdown (B.1.30)	XI.M36, External Surfaces Monitoring	<p>PNPS Evaluation of Aging Management Programs, B.1.30 / AMPER 4.22: System Walkdown Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.22, System Walkdown Program</p> <p>NUREG-1801, Rev.1, Chapter XI.M36, External Surfaces Monitoring</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.26, System Walkdown Program</p> <p>Entergy Engineering Procedure, ENN-DC-178</p> <p>Entergy CAP, EN-LI-102</p> <p>Entergy Engineering Standard, EN-MS-S-011-Multi</p>
Thermal Aging and Neutron Irradiation Embrittlement of Cast Austenitic Stainless Steel (CASS) Program (B1.31)	XI.13, Thermal Aging and Neutron Irradiation Embrittlement of Cast Austenitic Stainless Steel (CASS)	<p>PNPS Evaluation of Aging Management Programs, B.1.31 / AMPER 3.9: Thermal Aging and Neutron Irradiation Embrittlement of Cast Austenitic Stainless Steel (CASS) Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 3.9, Thermal Aging and Neutron Irradiation Embrittlement of Cast Austenitic Stainless Steel (CASS) Program</p>
Water Chemistry Control Auxiliary Systems Program (B.1.32.1)		<p>PNPS Evaluation of Aging Management Programs, B.1.32.1 / AMPER 4.23.1: Water Chemistry Control Auxiliary Systems Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.23.1, Water Chemistry Control – Auxiliary System Program</p> <p>NUREG-1801, No corresponding Program</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.27, Water Chemistry Control – Auxiliary Systems Program</p> <p>PNPS Procedure No. 2.2.103, Rev. 30, Visual Stator Cooling System Procedure</p> <p>PNPS Procedure No. 7.8.1, Rev. 40, Chemistry Sample and Analysis Program Procedure</p> <p>PNPS Procedure No. 7.8.7, Rev. 1, Recording and Trending of Chemistry Data Procedure</p>

Water Chemistry Control BWR Program (B.1.32.2)	XI.M2, Water Chemistry	<p>PNPS Evaluation of Aging Management Programs, B.1.32.2 / AMPER 4.23.2: Water Chemistry Control BWR Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.23.2, Water Chemistry Control – BWR Program</p> <p>NUREG-1801, Rev. 1., XI.M2, Water Chemistry</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.28, Water Chemistry Control – BWR Program</p> <p>PNPS Procedure No. 7.8.1, Rev. 40, Chemistry Sample and Analysis Program Procedure</p> <p>PNPS Procedure No. 7.8.7, Rev. 1, Recording and Trending of Chemistry Data Procedure</p>
Water Chemistry Control BWR Program (B.1.32.3)	XI.M21, Closed-Cycle Cooling Water System	<p>PNPS Evaluation of Aging Management Programs, B.1.32.3 / AMPER 4.23.3: Water Chemistry Control Closed Cooling Water Program</p> <p>PNPS License Renewal Project Aging Management Program Evaluation Report, LRPD-02, Revision 1, Section 4.23.3, Water Chemistry Control Closed Cooling Water Program</p> <p>NUREG-1801, Rev. 1., XI.M21, Closed-Cycle Cooling Water System</p> <p>PNPS License Renewal Project Operating Experience Review Report, LRPD-05, Revision 0, Section 4.1.29, Water Chemistry Control – Closed Cooling Water Program</p> <p>PNPS Procedure No. 7.8.1, Rev. 40, Chemistry Sample and Analysis Program Procedure</p> <p>PNPS Procedure No. 7.8.7, Rev. 1, Recording and Trending of Chemistry Data Procedure</p>

Applicant's Aging Management Review Section	LRA-AMR Basis Document and Other Documents Reviewed
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## Section 3.1 – Reactor Coolant Systems

PNPS License Renewal Project, Aging Management Review of Reactor Pressure Vessel, PNPS AMRM-31, Revision 1.

PNPS License Renewal Project, Aging Management Review of Reactor Vessel Internals, PNPS AMRM-32, Revision 1.

PNPS License Renewal Project, Aging management Review of Reactor Coolant System Pressure Boundary, PNPS AMRM-33, Revision 1.

PNPS License Renewal Project, TLAA and Exemption Evaluations, PNPS LRDP-03, Revision 0.

GE Report, NEDC-30730-P, PNPS Recirculation Nozzle Repair Program and Hydrogen Water Chemistry Materials Qualification, September 1984.

NRC Letter from Denton to Harrington regarding Pilgrim Nuclear Power Station, IGSCC Inspection per August 26, 1983 Order, December 4, 1984, with enclosure, "Safety Evaluation by the Office of Nuclear Reactor Regulation Relative to Inspection and Repairs of the Reactor Coolant System Piping." Docket 50-293.

PNPS Drawing FAC-M252 - Sheet 1 & Sheet 2. Flow Accelerated Corrosion P&ID, Nuclear Boiler.

PNPS Drawing DR 42175-7, Rev. 3, Fabrication of Top Guide Cylinder.

PNPS Drawing M1A48-4, Sheet 1, Revision E8, Reactor Assembly.

PNPS Drawing 232-341, Revision 3, Bottom Head Penetrations.

System Design Basis Document for the Reactor Recirculation System, PNPS Document Number SDBD-02, Revision E0.

System Design Basis Document for the Reactor Pressure Vessel and Internals, PNPS Document Number SDBD-54, Revision 0.

PNPS Procedure 3.M.4-92, Revision 13, Bolting and Torquing Guidelines.

Letter, J.F. Alexander (Boston Edison) to US NRC, Request for Reduction in GL 88-01 IGSCC Inspection Frequencies for Category D Welds due to the Use of Hydrogen Water Chemistry, September 4, 1998, BECo Letter #2.98.126. Docket No 50-293.

Letter, Alan B. Wang (NRC) to Theodore A. Sullivan (Boston Edison), Safety Evaluation of Boston Edison Company's Request for Reduction in the Intergranular Stress Corrosion Cracking Inspection Frequencies per Generic Letter 88-01 for the Pilgrim Nuclear Power Station (TAC NO. MA3554), May 27, 1999. Docket No. 50-293.

BWRVIP-139, BWR Vessel and Internals Project Steam Dryer Inspection and Flaw Evaluation Guidelines, April 2005.

## Section 3.2 - Engineered Safety Features

PNPS License Renewal Project, Aging Management Review of the Residual Heat Removal System, AMRM-02, Rev. 0

PNPS License Renewal Project, Aging Management Review of the Core Spray System, AMRM-03, Rev. 1

PNPS License Renewal Project, Aging Management Review of the Automatic Depressurization system, AMRM-04 Rev. 1

3.4 – Steam and Power Conversion System	
3.5 – Structures and Component Supports	<p>PNPS License Renewal Project, Aging Management Review of the Primary Containment, AMRC-01, Revision 1</p> <p>PNPS License Renewal Project, Aging Management Review of the Reactor Building, AMRC-02, Revision 1</p> <p>PNPS License Renewal Project, Aging Management Review of the Intake Structure, AMRC-03, Revision 1</p> <p>PNPS License Renewal Project, Aging Management Review of the Process Facilities, AMRC-04, Revision 1</p> <p>PNPS License Renewal Project, Aging Management Review of the Yard Structures, AMRC-05, Revision 1</p> <p>PNPS License Renewal Project, Aging Management Review of the Bulk Commodities, AMRC-06, Revision 1</p>
3.6 - Electrical	<p>PNPS License Renewal Project, Aging Management Review of the Electrical Screening, AMRE-01, Revision 2</p>