

From: Duc Nguyen
To: James Davis
Date: 08/02/2006 3:54:43 PM
Subject:

Jim:

Attached is the RAI for electrical audit report at Pilgrim.

CC: Peter Wen; Ram Subbaratnam

Mail Envelope Properties (44D102FA.AFF : 15 : 9304)**Subject:****Creation Date** 08/02/2006 3:54:34 PM**From:** Duc Nguyen**Created By:** DTN1@nrc.gov**Recipients**

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MESSAGE

371

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Pilgrim Request for Additional Information LRA Section 3.6.wpd 3918 08/02/2006 3:52:06 PM

Options**Expiration Date:** None**Priority:** Standard**ReplyRequested:** No**Return Notification:**

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Request for Additional Information

Pilgrim Nuclear Power Station

License Renewal Applicant

Section 3.6 Electrical And Instrumentation and Controls

RAI 3.6.2.2-N-01

In LRA, Table 3.6.2-1, under Cable connections (metallic parts), you have stated that no aging effects requiring management and no AMP is required. Further, in LRA, Table 3.6.1 under discussion of cable connection metallic parts, you have stated that cable connections outside of active devices are taped or sleeved for protection and operating experience with metallic parts of electrical cable connections at PNPS indicated no aging effects requiring management. Electrical cable connections (metallic parts) are subject to the following aging stressors: thermal cycling, ohmic heating, electrical transients, vibration, chemical contamination, corrosion, and oxidation. NUREG-1801, Revision 1, AMP XI.E6, "Electrical Cable Connection not Subject to 10 CFR 50.49 Environmental Qualification Requirements," specifies that connections associated with cables within the scope of license renewal are part of this program, regardless of their association with active or passive components. Provide a basis document including an AMP with the ten elements for cable connections or provide a justification for why an AMP is not necessary.