

**From:** Dan Hoang  
**To:** Jad;pxw  
**Date:** Mon, May 8, 2006 8:57 AM  
**Subject:** AMR's questionnaire for Pilgrim

Gentlemen,

As promised, I have been finished my AMR for Pilgrim.

Attached is a list of my sevent (7) questions to them (before I am going to Vermont Yankee for my "Vacation" next week).

With that, I am NOT be able to attend the next week meeting in Germantown.

Regards,

Dan

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**AMR's for Pilgrim** (Total 7 questions from Dan Hoang)**Sect. 3.5.1-13 (GALL sect. II.B4-3 SS bellows)**

The applicant is requested to identify the "Other" aging management to detect of aging effect. Since, your VT-3 may not be able to detect the fine crack. Please provide a procedure, guideline, and/or any documents to support your answer.

**Sect. 3.5.1-34 (GALL sect. III.A6-1)**

Do you (PNPS) has any experience with aggressive ground water/soil, and/or where the concrete structural elements have experienced degradation? If yes, When? And what was your corrective and preventive actions?

**Sect. 3.5.1-37 (GALL sect. III.A6-6)**

- A- In Table 2 of section 3.5.1-37 please fill in the column for:
  - 1- Structure and/or Component
  - 2- Material
  - 3- Environment
  - 4- Aging Management Program (AMP)
- B- Does this sect. Met GALL X1.S7?
- C- Relationship to NUREG-1557?

**Sect. 3.5.1-39 (GALL sect. III.B.2-10)**

For structural bolting, describe the AMR. How is "loss of preload" managed?

**Sect. 3.5.1-5 (GALL sect. II.B1.1-2)**

Was the containment concrete in contact with the embedded containment shell or liner met the ACI 318 or 349 and the guidance of ACI 201.2R? Please, tell us how are you going to detect concrete's penetrating cracks?

**Sect. 3.5.1-53 (GALL sect. III.B1.1-13)**

- 1- More information is needed about bolting materials used in structural applications at PNPS including Group B1.1 applications. What are the bolting materials used? What are the nominal yield strengths and upper-bound as-received yield strengths? Describe the PNPS resolution of the bolting integrity generic issue, as it relates to structural bolting. Was any structural bolting identified as potentially susceptible to cracking due to SCC? Was any structural bolting replaced as part of the resolution?
- 2- Describe the scope and AMR for Class MC Pressure Retaining Bolting. How is loss of preload managed?