

**From:** <erachp@comcast.net>  
**To:** Ram Subbaratnam <rxs2@nrc.gov>  
**Date:** 08/14/2006 12:03:25 PM  
**Subject:** RAIs 3.5.1-1 and 3.5.1-2

Ram,  
Per our discussion, see revised RAIs 3.5.1-1 and 3.5.1-2.

Erach

**CC:** Dan Hoang <DVH@nrc.gov>, Peter Wen <pxw@nrc.gov>, Jim Davis <jad@nrc.gov>

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**Recipients**

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TWGWPO02.HQGWDO01  
RXS2 (Ram Subbaratnam)

nrc.gov  
OWGWPO04.HQGWDO01  
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TWGWPO04.HQGWDO01  
PXW CC (Peter Wen)

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OWGWPO03.HQGWDO01  
JAD CC (James Davis)

**Post Office**

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<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	70	08/14/2006 12:02:40 PM
TEXT.htm	154	
RAIs_3.5.1-1_&_3.5.1-2.doc	21504	
Mime.822	31557	

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**RAI 3.5.1-1**

In LRA Table 3.5.2-6, PNPS has identified 30 line items that reference Table 3.5.1, item 3.5.1-39. For two of these line items, the LRA stated that loss of material of carbon steel fire hose reels and damper framing exposed to a protected from weather environment is managed using the Fire Protection Program. For the other 28 line items the LRA credited the Structures Monitoring Program for managing the aging effects of loss of material. However, the discussion column of LRA Table 3.5.1, line item 3.5.1-39 credits only the Structures Monitoring Program, and does not credit the Fire Protection Program. Furthermore, LRA Appendix B.1.13.1, Fire Protection Program description does not address hose reels or damper framing, but LRA Appendix B.1.13.2, Fire Water System Program description includes valves (dampers), and an enhancement to include inspection of hose reels.

Please clarify which is the correct program, Fire Protection or Fire Water System that should have been credited in LRA Table 3.5.2-6 for aging management of fire hose reels and damper housing; and justify why this program is not credited in the discussion column of LRA Table 3.5.1, item 3.5.1-39 or revise the LRA to include this program.

**RAI 3.5.1-2**

In the discussion column of LRA Table 3.5.1, line item 3.5.1-45, PNPS stated that abrasion and cavitation due to flowing water is insignificant, nonetheless, the Structures Monitoring Program will confirm the absence of aging effects for PNPS group 6 concrete structures. However, there is no line item in any of the AMR results Tables 3.5.2-X where the LRA Table 3.5.1 line item 3.5.1-45 is referenced.

Please justify why there is no line item in LRA Tables 3.5.2-X where the LRA Table 3.5.1 line item 3.5.1-45 is referenced or revise the LRA to include this reference.