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From: Cheruvenki, Ganesh
To: Auluck, Rajender; Medoff, James
Cc: Mitchell, Matthew; Khanna, Meena; Tsirigotis, Alexander
Subject: FW: North Anna--Unit 1 and 2--After the earthquake
Date: Wednesday, September 14, 2011 8:32:22 AM
Importance: High

Paul

Raj and Jim,

My mistake

—After discussions with Matt, I found out that it is my mistake to assume that the following items require further evaluation. Since these items are not affected by seismic event, no further evaluation is required by Matt's branch.

The components that are not affected by a seismic event are—

Sections 4.3.2—RPV underclad cracking and 4.7.2—RC Pump Flywheel.

The other components listed in TLAA sections 4.3.1, 4.3.3, 4.3.4, and sections 4.7.1, 4.7.3 and 4.7.4 thru 4.7.6 may or may not require further evaluation. That decision needs to be made by branches that are responsible for evaluating these TLAA sections.

From: Cheruvenki, Ganesh
Sent: Tuesday, September 13, 2011 12:54 PM
To: Auluck, Rajender
Cc: Medoff, James; Mitchell, Matthew; Khanna, Meena; Sheng, Simon
Subject: North Anna--Unit 1 and 2--After the earthquake
Importance: High

Raj,

Here are the components that required TLAA evaluations in the North Anna LRA submittal. Further evaluation is needed for these components based on the new OBE and SSE design criteria. Meena Khanna's group will handle this evaluation.

Components—Metal Fatigue—Section of TLAA

4.3.1—ASME III Class 1 components

4.3.3—ANSI B31.1 PIPING

4.3.4—Environmentally assisted fatigue

4.7.1—Crane Load Cycle Limit

4.7.3—Leak before break

4.7.4—Spent fuel pool liner

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4.7.5—Piping subsurface indications

4.7.6—Reactor coolant pump—Code Case N-481

Sections 4.3.2—RPV underclad cracking and 4.7.2—RC Pump Flywheel may be reviewed by Matt's group.

Ganesh 2501