

Davis-BesseNPEM Resource

From: CuadradoDeJesus, Samuel
Sent: Monday, September 12, 2011 1:28 PM
To: 'custerc@firstenergycorp.com'; dorts@firstenergycorp.com
Cc: Davis-BesseHearingFile Resource
Subject: FW: Summary of Issue Related to RV Flange Leak Detection Line

Cliff:

Below is a summary of the new topic we'll be discussing tomorrow.

From: Poehler, Jeffrey
Sent: Monday, September 12, 2011 1:22 PM
To: CuadradoDeJesus, Samuel
Cc: Cheruvenki, Ganesh; Fairbanks, Carolyn; Sydnor, Christopher
Subject: Summary of Issue Related to RV Flange Leak Detection Line

Sam,

The issue we discussed this morning is that there does not seem to be a line item in Table 3.1.2-1 for the reactor vessel flange leakage detection nozzle/penetration. Most PWR reactor vessels have a nickel-alloy penetration through the reactor vessel closure flange that connects to stainless steel small bore piping going to the instrument such as a pressure transmitter. Management of aging effects of such a penetration (specifically cracking) would logically fall under the Nickel-Alloy Management Program.

There is a line item for stainless steel piping associated with the flange leakage detector, which is addressed in LRA Section 3.1.2.2.7.1 and is associated with LRA Table 3.1.1 item 3.1.1-23, in LRA Table 3.1.2-3, but doesn't cover any nickel alloy portion.

Is there a nickel-alloy penetration for the reactor vessel flange leakage detection piping that was accidentally omitted from the LRA and does the LRA need to be amended to address?

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