

From: Siva Lingam
To: gary.D.Miller@Dom.com
Date: 6/5/2007 10:04:51 AM
Subject: Surry 1 & 2 - MCR and ESGR Chilled Water Piping Replacement

We have reviewed the Surry RAI response you provided via letter dated May 31, 2007 (Serial No. 07-0381), and need two additional pieces of information not provided.

1. In response to RAI #1, the licensee discussed the assumed equipment impacts to a loss of switchgear room cooling as failure of various electrical busses. However, the licensee did not identify the assumed impacts to a loss of control room cooling. The licensee stated that no alternate cooling was modeled (item D), so if control room cooling from the chillers is lost, does the PRA model simply assume core damage? If not, what is modeled as the plant impact?

2. In response to RAI #1, the licensee identified the acceptance criteria for chilled water and room coolers. However, it is not clear if the PRA model includes only the five chillers in the scope of the TS, or if the nonsafety chillers are also considered. The licensee stated that no alternate cooling was modeled (item D), which would imply that other chillers or cooling methods are not credited. A clarification as to the specific scope of the chilled water and MCR/ESGR cooling system PRA models, both for initiating events and mitigation, is requested.

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