

From: Amy Cabbage
To: Don (GE Infra Energy Non-GE US) Lewis; Kinsey, James C (GE Infra Energy)
Date: 06/05/2007 9:29:23 AM
Subject: Supplement 2 to RAI 8.3-52

In MFN-07-165, dated May 15, 2007, GE provided supplement 1 of the response to RAI 8.3-52. The associated DCD markup provided stated:

"8.3.2.1.1 Safety-Related Station Batteries and Battery Chargers
250V Safety-Related DC Systems Configuration Figure 8.1-3 shows the overall 250 VDC system provided for safety-related Divisions 1, 2, 3 and 4. Divisions 1, 2, 3 and 4 consist of two separate battery sets for each division. Each set supplies power to the safety-related inverters for at least 72 hours following a design basis event. The DC systems are operated ungrounded for increased reliability."

The response also stated:

"The final load profile will have an analyses performed and tested in accordance with ITAAC Table 2.13.3-1, 3a. & 3b. Acceptance Criteria.

3a). Analyses reports of the as-built batteries exist and conclude that two sets of safety-related batteries in each division have the capacity, as determined by the vendor performance specification, to supply its rated constant current, for a minimum of 72 hours without recharging.

3b). Test report(s) conclude that the capacity of each as-built safety-related battery equals or exceeds the analyzed battery design duty cycle capacity."

Both of these sections of the response refer to "two sets of safety-related batteries in each division." It is the staff's understanding that the design consists of just one set (of two) safety related batteries per division with the set of batteries supplying power for 72 hours. Please clarify this RAI response.

CC: Berrios, Ilka; Rhow, Sang

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