

NRR-PMDAPEm Resource

From: Lingam, Siva
Sent: Tuesday, February 07, 2012 2:28 PM
To: Mackaman, Clyde Douglas
Cc: Broaddus, Doug; Shoop, Undine; Lapinsky, George
Subject: Sequoyah, Unit 2 - Allow Use of Penetrations in SB Dome During Modes 1 through 4 (TAC NO. ME7026)

Please note the following official additional RAIs from our Health Physics and Human Performance Branch (AHPB), and provide your response within 30 days.

1. Given the relatively high rate of injury and death from rigging and crane operations, what precautions have been taken to prevent human errors in the rigging and crane operations proposed in this license amendment request?
2. Will the crane operator be qualified per American National Standard Institute [ANSI] B30.2-1976 (Chapter 2-3), "Overhead and Gantry Cranes"? If not, what qualifications will be required of the crane operator?
3. Will specific rigging procedures be used by the dedicated team?
4. Will specific rigging training be given to the steam generator replacement project (SGRP) team?
5. Will the controlling procedure or training include the actions of the crane operator?
6. What kind of communication will the crane operator and the SGRP team use?
7. Were any relevant insights applied from Sequoyah Nuclear Plant's operating experience (OE) with slipped or dropped loads, NUREG-0612, "Control of Heavy Loads at Nuclear Power Plants: Resolution of Generic Technical Activity A-36", or other industry OE regarding rigging and crane operations?

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