NRR-PMDAPEm Resource

From: Lingam, Siva
Sent: Tuesday, April 07, 2015 3:08 PM
To: mjrm@pge.com
Cc: Markley, Michael; Shoop, Undine; Pedersen, Roger; Miller, Barry
Subject: Diablo Canyon, Units 1 and 2 - National Fire Protection Association Standard 805 Radiation Release Additional Requests for Additional Information (TAC Nos. MF2333 and MF2334)

By letter dated December 31, 2014 (Agencywide Documents Access and Management System Accession No. ML14365A377), Pacific Gas and Electric Company (the licensee) responded to the Nuclear Regulatory Commission's (NRC's) request for additional information (RAI) related to the review of the radioactive release portion of the subject license amendment request (LAR). The NRC staff noted that the response indicated that the licensee "…has chosen an alternative approach to ensure that 10 CFR 20 [Title 10 of the *Code of Federal Regulations* (10 CFR), Part 20] limits are met..." The licensee further described that to support this alternative approach, two calculations are being developed to supersede existing calculations referenced in the LAR, but these calculations were not yet completed and/or approved. As a result, the NRC staff has the following **official** additional RAIs that need your responses by May 8, 2015:

Radiation Release RAI 09
Will each zone/area/building of interest have its own administrative activity limit, based on a zone specific calculation?

Radiation Release RAI 10
The response states that the Administrative Limit will ensure that "releases do not exceed 10 CFR Part 20 limits." Is this statement referring to the dose limit for a member of the public? If so, is the calculated dose to a real individual or a maximum exposed individual consistent with the Offsite Dose Calculation Manual? Is the Administrative Limit set bases on meeting the concentration limits in Appendix B to 10 CFR Part 20?

Radiation Release RAI 11
Describe the methodology used for each calculation to establish the maximum curie Administrative Limit, including all of the input assumptions and parameters used in these calculations.

Radiation Release RAI 12
What fraction of the contaminated oil stored in the Fire Zone is assumed to be consumed in the fire? If less than 1.0 provide basis for the assumption. What fraction of the activity in the contaminated oil is assumed to be released as an airborne effluent? - as a liquid effluent?

Radiation Release RAI 13
Are operator actions credited in the calculations for reducing the amount of effluent released? If so, specify the operator actions and describe the assumed impact on the resulting dose.

Siva P. Lingam
U.S. Nuclear Regulatory Commission
Project Manager (NRR/DORL/LPL4-1)
Cooper Nuclear Station
Diablo Canyon Nuclear Power Plant
Location: O8-D5; Mail Stop: O8-B3
Telephone: 301-415-1564; Fax: 301-415-1222
E-mail address: siva.lingam@nrc.gov

Hearing Identifier: NRR_PMDA
Email Number: 1977

Mail Envelope Properties (Siva.Lingam@nrc.gov20150407150800)

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Created By: Siva.Lingam@nrc.gov

Recipients:
"Markley, Michael" <Michael.Markley@nrc.gov>
Tracking Status: None
"Shoop, Undine" <Undine.Shoop@nrc.gov>
Tracking Status: None
"Pedersen, Roger" <Roger.Pedersen@nrc.gov>
Tracking Status: None
"Miller, Barry" <Barry.Miller@nrc.gov>
Tracking Status: None
"mjrm@pge.com" <mjrm@pge.com>
Tracking Status: None

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MESSAGE	2640	4/7/2015 3:08:00 PM

Options
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