

From: Tam, Peter
Sent: Friday, July 09, 2010 2:24 PM
To: Loeffler, Richard A.
Cc: Parks, Benjamin; McLellan, Thomas
Subject: Monticello - Draft RAI on Relief Request dated 3/12/10 (TAC ME3526)

Rick:

The NRC staff is continuing its review of your 3/12/10 Relief Request No. 17, "Extension of Permanent Relief from Volumetric Examination of Reactor Pressure Vessel Circumferential Shell Welds for the Renewed Operating License Term." Two issues were identified by our technical staff that need to be supplemented. We look forward to discussing these issues with you in a conference call.

- 1) Please describe the fluence calculations performed that support this relief request. Address their adherence to Regulatory Guide 1.190 recommendations, and if applicable, reference the NRC-approved methodology document that was used to perform the calculations.
- 2) Please describe the fast neutron flux source used to determine the 120-percent original licensed thermal power level neutron fluence. Discuss whether the uprated fluence projection is based on extrapolation of previous fluence values, or on a new source analysis. If it is based on extrapolation, please provide additional information justifying the extrapolation in terms of its conservatism relative to expected peripheral flux values during uprated operation.

This e-mail aims solely to prepare you and others for the requested conference call. **This e-mail does not formally request for additional information, and does not convey an official NRC staff position.**

Peter S. Tam

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(for *D. C. Cook and Monticello*)
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