

From: Peter Tam
To: Loeffler, Rick; Salamon, Gabor
Date: 4/17/06 12:30PM
Subject: Monticello: Draft RAI, Proposed Amendment re. Spent Fuel Storage (TAC MD0302)

Gabe, Rick:

This e-mail conveys our reviewer Yuri Orechwa's draft RAI on your application for amendment regarding contingent installation of the spent fuel rack. Please call me to set up a conference call to discuss these draft questions. The questions pertain only to Section 5.3 (Thermal-Hydraulic Considerations) and Section 5.5 (Criticality of the Monticello Nuclear Generating Plant).

(1) Are there any limitations on the use of the PaR fuel rack in your LAR (i.e. only during a FCOL, by burnup, etc.)? Please state the limiting conditions explicitly.

(2) Please compare in table form, with an attendant discussion, the current SFP licensing basis analysis to the supporting analysis of the SFP with the installation of the additional 8X8 high-density spent fuel storage rack. The information should include, but not be limited to, number of fuel assemblies and their distribution, the distribution of heat load, type of calculation, method of calculation of peak and average values, bulk temperature, clad temperature, Boral temperature, time-to-boiling, etc.

(3) Please compare in table form, with an attendant discussion, the current SFP licensing basis analysis to the supporting analysis of the SFP with the installation of the additional 8X8 high-density spent fuel storage rack. The information should include but not be limited to: number of fuel assemblies and their distribution, the distribution of burnup and enrichment, type of neutronic calculation to determine keff, (i.e. codes, cross sections, validation, etc.) estimation of uncertainty, maximum worth of the installed and fueled 8X8 high-density storage rack, etc.

This e-mail aims solely to prepare you and others for the proposed conference call. It does not formally convey an NRC staff position, nor does it formally request for additional information. Disposition of the above questions will be discussed in the proposed conference call.

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