

From: Lawrence Burkhart
To: Brian Sepelak
Date: 9/5/01 8:59AM
Subject: CLARIFYING QUESTIONS

Brian,

Attached are questions regarding your submittal dated June 29, 2001 (Revised Unit 1 Heatup and cooldown curves). These questions is not an official request for additional information. These questions are meant to be discussion topics for a subsequent telephone conference call. A request for additional information may result from the call.

Beaver Valley Unit 1: PT Curves and LTOP Setpoints for 22 EFPY

FENOC the licensee for the Beaver Valley plant requested TS changes to update the PT curves and the LTOP setpoints for 22 EFPYs. The fluence values were derived from the results of capsule Y (reported in WCAP-15571) and updated Capsules V, W and U.

- 1 The original capsule fluences (reported in WCAP-9860 for capsule V, WCAP-10867 for capsule U and WCAP-12005 for capsule W) do not agree with the corresponding values in WCAP-15571. What was updated in the old capsules?
- 2 How were the averaged values of the BE/C calculated in the Y capsule report for $E > 1.0$ MeV (Table 6-12) from the values shown in Table 6-10?
- 3 How were the best estimate neutron spectra (shown in Table 6-11) obtained? What is the physics behind the input to the FERRET code for the estimation of the best estimate spectra?

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