



Entergy Nuclear Operations, Inc.
Vermont Yankee
320 Governor Hunt Rd
Vernon, VT 05354
Tel 802 257 7711

Michael J. Colomb
Site Vice President

BVY 11-042

May 16, 2011

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

SUBJECT: Technical Specifications Proposed Change No. 293, Supplement 1
Revised Reactor Vessel Pressure-Temperature Limitation Curves
Vermont Yankee Nuclear Power Station
Docket No. 50-271
License No. DPR-28

REFERENCE: 1. Letter, VYNPC to USNRC, "Revised Reactor Pressure Vessel Pressure-Temperature Limitation Curves," BVY 10-071, dated 12/21/10

Dear Sir or Madam:

Per discussion with your staff, we are providing additional clarifying information that was requested as part of the review of a request for a License Amendment (Reference 1) for the Vermont Yankee Nuclear Power Station (VYNPS).

In the proposed change submittal (Reference 1) two fluence figures are discussed - 5.16×10^{17} n/cm² and 5.39×10^{17} n/cm². The 5.16×10^{17} n/cm² value was computed based on actual plant operating history data through 2002 and a projected 93 percent capacity factor for the period 2003 through March 2032. The computed effective full power years (EFPY) for that fluence value are 51.6 EFPY. The 7.943×10^8 MWH(t) power generation value is based on that fluence value. VYNPS utilizes MWH(t), not EFPY, when tracking plant history for this Technical Specification.

As part of the License Renewal Application (LRA) process the expectation was to present a value for 54 EFPY in the LRA; this derives from 60 years time at an average 90 percent capacity factor. As stated in LRA Section 4.2.1, the 5.16×10^{17} n/cm² value was extrapolated to 5.39×10^{17} n/cm² at 54 EFPY. The LRA evaluations and the associated USNRC Safety Evaluation Report utilized this figure.

Our Proposed Change (Reference 1) requests a revised validity for the VYNPS Reactor Vessel Pressure-Temperature Limit Curves of up to 7.943×10^8 MWH(t) power generation value and is based upon a calculated 5.16×10^{17} n/cm² fluence value.

This supplemental information does not affect or alter the content and scope of our original submittal, nor does it alter the scope and conclusion of no significant hazards determined in our original submittal.

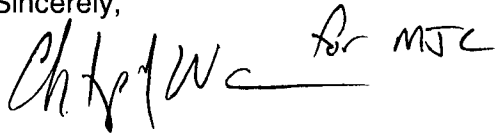
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There are no new regulatory commitments being made in this submittal.

If you have any questions on this transmittal, please contact Mr. Robert Wanczyk at 802-451-3166.

I declare under penalty of perjury that the foregoing is true and correct.
Executed on May 13, 2011.

Sincerely,

 A handwritten signature in black ink, appearing to read 'Rob Wanczyk' with a flourish at the end. To the right of the signature, the initials 'R Wanczyk' are written in a smaller, more legible hand.

[MJC/JTM]

cc: Mr. William W. Dean
Regional Administrator, Region 1
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406-1415

Mr. James S. Kim, Project Manager
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Mail Stop O8C2A
Washington, DC 20555

USNRC Resident Inspector
Entergy Nuclear Vermont Yankee, LLC
320 Governor Hunt Rd
Vernon, Vermont 05354

Ms. Elizabeth Miller, Commissioner
VT Department of Public Service
112 State Street – Drawer 20
Montpelier, Vermont 05620-2601