

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

December 11, 2000

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Serial No. 00-614
NL&OS/ETS R0
Docket Nos. 50-338
50-339
License Nos. NPF-4
NPF-7

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNITS 1 AND 2
FUEL TRANSITION PROGRAM - FCF TOPICAL REPORTS

On November 2, 2000, a meeting was conducted with the NRC to discuss Virginia Electric and Power's (Dominion) program for transition to Framatome Cogema Fuels (FCF) fuel in the reload cores at North Anna Power Station. The objective of the meeting was to discuss the transition program, define the Dominion and FCF responsibilities in conducting the program and to obtain NRC Staff feedback on three key program elements: 1) program features, 2) licensing approach and 3) schedule.

The key schedule objective of the program is obtaining NRC approval for use of FCF fuel prior to the planned delivery of the first batch in February 2003. In order to achieve this objective, we plan to submit a license amendment request and the supporting technical evaluation by March 2002. As part of the technical evaluation to support use of FCF fuel there are five FCF submittals that require Staff response and/or approval. These topical report revisions are listed below along with the tentative dates of approval discussed with the Staff during the November 2, 2000 meeting.

- FTI Letter FTI-00-551 dated February 29, 2000, Fuel Temperature Uncertainties associated with RSG LOCA EM BAW-10168P-A, Revision 3, December 1996 - response requested by: 12/31/00
- FCF Letter GR99-194.doc dated September 24, 1999 transmitting RELAP5 Code Topical Report BAW-10164P, Revision 4, September 1999 (Submitted as an RAI Response on the M5™ Topical Report BAW-10227P-A) – approval requested by: 12/31/00
- FTI Letter FTI-00-1972 dated July 31, 2000 transmitting RSG LOCA EM Revision BAW-10168P, Revision 4, July 2000 - approval requested by: 12/31/01
- FTI Letter: FTI-00-1968 dated July 31, 2000 transmitting RELAP5 Code Topical Report Revision BAW-10164P, Revision 5, July 2000 - approval requested by: 12/31/01
- FCF Letter GR00-182.doc dated November 22, 2000 Transmitting "Application of

A001

the BWU-Z CHF Correlation to the Mark-BW17 Fuel Design with Mid-Span Mixing Grids," BAW-1099P, Addendum 2, November 2000 - approval requested by: 12/31/01

To ensure the fuel transition program schedule can be maintained, Dominion requests that the NRC continue to place a high priority on the review and approval of the FCF topical reports.

If you have any additional questions or comments, please contact us.

Very truly yours,



Leslie N. Hartz
Vice President - Nuclear Engineering and Services

Commitments contained in this letter: None

cc: U.S. Nuclear Regulatory Commission
Region II
Sam Nunn Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, Georgia 30303

Mr. R. A. Musser
NRC Senior Resident Inspector
Surry Power Station

Mr. M. J. Morgan
NRC Senior Resident Inspector
North Anna Power Station

Mr. S.N. Bailey, Project Manager, Section 2
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation