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VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

W. L. STEWART
VICE PRESIDENT
NUCLEAR OPERATIONS

December 31, 1987

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

Serial No. 87-728
E&C/BHW:cdk
Docket No. 72-2
License No. SNM-2501

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION INDEPENDENT SPENT FUEL STORAGE INSTALLATION
TECHNICAL SPECIFICATION CHANGE FOR USE OF BURNUP CREDIT

To confirm our conversations during the meeting on October 7, 1987, Virginia Electric and Power Company intends to submit a license amendment and proposed technical specification change under 10CFR72 that would allow the use of storage casks at the Surry Power Station Independent Spent Fuel Storage Installation (ISFSI) that utilize burnup credit for criticality analyses. This amendment would principally cover the administrative controls to be employed to ensure the proper loading of storage casks and any other technical issues generic to the use of burnup credit. Thereafter, on a case by case basis, we would submit the necessary burnup credit criticality analyses for any cask contemplated for use at the Surry ISFSI for which the NRC has received a Topical Safety Analysis Report (TSAR) for approval.

We understand that General Nuclear Systems, Inc. (GNSI) intends to submit a TSAR for an enhanced capacity storage cask denoted as the CASTOR X/28-33. This cask will be for spent fuel cooled for a minimum of ten years and will employ burnup credit in the criticality design of its basket for the 33 element cask. GNSI expects to submit the TSAR application to the NRC in March 1988. The Surry ISFSI license amendment is expected to be submitted in May 1988 along with the burnup credit criticality analysis for the CASTOR X/28-33.

Based on our experience with the Surry ISFSI license, it would be advantageous to have a joint meeting with the NRC, its subcontractors, GNSI, and us concerning the technical review of both the CASTOR X/28-33 TSAR and the Surry ISFSI license amendment prior to their submittal to the NRC. We are hopeful that the NRC can complete its review of the TSAR and license amendment by January 1989 to allow use of a CASTOR X/28-33 in FY89 under the DOE/Virginia Power/EPRI Dry Storage Cask Demonstration Program.

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We will contact you in the near future to arrange a mutually acceptable time for the meeting.

Very truly yours,



W. L. Stewart

cc: Mr. John P. Roberts
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