VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

August 22, 2006

ATTN: Document Control Desk
Director, Spent Fuel Project Office
Office of Nuclear Material Safety and Safeguards
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Serial No. 06-686
NLOS/TJS Rev 1
Docket No. 72-2
License No. SNM-2501

VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION INDEPENDENT SPENT FUEL STORAGE INSTALLATION (ISFSI)
COMPLETION OF LICENSE RENEWAL INSPECTION REQUIREMENTS

In April 2002, Virginia Electric and Power Company (Dominion) requested renewal of the Surry Power Station ISFSI License SNM-2501 for a period of 40 years. On February 25, 2005, the NRC granted the request and issued a renewed Materials License SNM-2501. SNM-2501 now has an expiration date of July 31, 2046. The NRC conditioned license renewal with certain prescribed activities to be completed no later than July 31, 2006 (the original 20-year license expiration date). The prescribed activities of License Condition 15 include a visual inspection of the oldest CASTOR V/21 cask bottom and the MC-10 cask closure cover fastener seal and shield plug areas. This letter documents that these activities have been completed.

A visual inspection of the oldest CASTOR cask (CASTOR V/21.05) was completed on July 10, 2006. The purpose of the inspection was to determine the condition of the breech plate bolts and cask bottom (as required by SNM-2501 License Condition 15). The exterior of the cask showed no rust or damage that would indicate degradation or corrosion of the cask materials. The top of the cask was visually examined when the raincap was removed to gain access to the top trunnions for lifting the cask. As expected, there was a light covering of dust on the top of the cask, but no signs of corrosion or degradation of cask materials. The transporter was used to lift the cask approximately 12 inches off the ISFSI pad to facilitate inspection of the cask bottom. Visual inspection showed no degradation of the cask bottom breech plate or bolts. The stainless steel breech plate on the bottom of the cask had been painted prior to placement of the cask on the pad. This paint was beginning to flake from small areas of the breech plate, however, inspection of the metal surface under the paint showed no signs of corrosion or degradation. Inspection of the pad beneath and immediately around the cask showed no stains that would indicate that corrosion or degradation of cask materials has or is occurring. Given that the paint on the cask bottom served no protective function, the cask bottom will not be repainted.

The closure cover on the Westinghouse MC-10 cask is held in place by fasteners. These fasteners compress elastomer o-rings when tightened to form a seal against the outside atmosphere. The o-rings were not credited in the aging management review of the cask. Instead, the potential for corrosion of components beneath the closure cover is managed by an inspection that verifies the absence of corrosion in sealed areas. An inspection of the SPS ISFSI MC-10 cask (MC-10.2) was completed on April 10, 2006. Twelve knurled nuts, which fasten the closure cover to the cask, were removed and the elastomer o-ring inspected. While there was some oxidation of the outer o-ring edge, the o-ring seal surface had no cracks or indications of degradation. The cask's six trunnion covers were removed and the normally inaccessible areas visually inspected. There was no rust or damage found.

Should you have any questions regarding this submittal, please contact Mr. David A. Sommers at (804) 273-2823.

Very truly yours,

Gerald T. Bischof
Vice President - Nuclear Engineering
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Attachments: None

Commitments made by this letter: None

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