

September 25, 2008

Mr. David A. Christian
President and Chief Nuclear Officer
Virginia Electric and Power Company
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, VA 23060-6711

SUBJECT: MILLSTONE POWER STATION, UNIT NOS. 1, 2 AND 3 – REQUEST FOR
AUTHORIZATION FOR USE OF DELTA PROTECTION MURUROA BLU
SINGLE-USE SUITS (TAC NOS. J00287, MD9313 AND MD9314)

Dear Mr. Christian:

By letter dated June 20, 2008 (Agencywide Documents and Access Management System (ADAMS) Accession No. ML081850300), pursuant to Part 20 of Title 10 of the *Code of Federal Regulations* (10 CFR 20), Section 1703(b), Dominion Nuclear Connecticut, Inc. (DNC), requested the U.S. Nuclear Regulatory Commission's (NRC's) authorization for use of equipment that has not been tested or certified by National Institute for Occupational Safety and Health (NIOSH) for Millstone Power Station.

Specifically, DNC requested authorization to use the Delta Protection's Self Fed Single Use "Mururoa BLU" Suit Systems (hereafter referred to as the Delta BLU Suit), which are described in "Topical Report for Delta Protection Mururoa BLU Suit Systems," dated Thursday, October 27, 2005 (TR MURUBLU05NP), manufactured by Delta Protection, France. The Topical Report was previously reviewed and approved by the NRC by letter dated April 10, 2006 (ADAMS Accession No. ML060950499).

The NRC staff's safety evaluation (SE) for TR MURUBLU05NP, dated April 10, 2006, concluded the following:

Based on the NRC staff's review of the referenced TR, the NRC staff concludes that the use of the Mururoa BLU (PVC [polyvinyl chloride] or Ethyfuse) protective suit systems, consistent with the configuration and conditions of use noted above, is in accordance with the requirements of 10 CFR Part 20. Granting an approval for the use of these suits with an APF [assigned protection factor] of 2000, against airborne particulate contamination, will improve overall worker safety while working in high surface contaminated areas, and in high and potentially high airborne radioactivity areas, satisfies the 10 CFR Part 20 ALARA [as low as reasonably achievable] requirements, and is, therefore, acceptable.

Additionally, the NRC approval of TR MURUBLU05NP specified the "Approved Device Configuration and Conditions of Use," for the use of the Delta BLU Suits in Section 4.0 of the NRC staff's SE.

D. Christian

2

In its June 20, 2008, request, DNC committed to use the Delta BLU Suits consistent with TR MURUBLU05NP as well as the "Approved Device Configuration and Conditions of Use," for the use of the Delta BLU Suits in Section 4.0 of the NRC staff's SE. Also, DNC's request did not request any exceptions from any of the restrictions with respect to the configurations and conditions of use of the Delta BLU Suits.

The NRC staff finds that the regulatory commitments made by the licensee in the June 20, 2008, request, are sufficient to ensure that the licensee will implement the use of this respiratory protective device, consistent with TR MURUBLU05NP, and within the NRC staff's SE dated April 10, 2006.

Therefore, based on the information provided in your request, and the above discussion, the NRC staff concludes that the licensee's request for the use of the Delta BLU Suits is acceptable for Millstone Power Station. The use of the Delta BLU Suits must be: (1) consistent with TR MURUBLU05NP, with the APF value of 2,000 and (2) within the configuration and conditions of use described in the NRC staff's SE dated April 10, 2006.

Please contact me at (301) 415-3017, if you have any questions on this matter.

Sincerely,

/RA/

John B. Hickman, Project Manager
Reactor Decommissioning Branch
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

Docket Nos.: 50-245, 50-336 and 50-423

cc: Millstone Power Station Service List

D. Christian

2

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Division of Waste Management
and Environmental Protection
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