71-4909

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MEMORANDUM FOR: The Files

FROM: Richard H. Odegaarden, FCTC, NMSS

SUBJECT: SUMMARY OF MEETING WITH WESTINGHOUSE ELECTRIC CORPORATION CONCERNING STAINLESS STEEL OVERPACK FOR 30-INCH UF_6 CYLINDERS

Attendees

Westinghouse Electric Corporation	NRC
Joe J. Scherpenberg	H. W. Lee
A. J. Nardi	R. H. Odegaarden
E. K. Reitler, Jr.	C. E. Williams*

*Part-time

Introduction

A meeting was held at Silver Spring, MD on June 27, 1983 at the request of the NRC staff to discuss our letter to the applicant dated June 16, 1983 concerning their application dated January 19, 1983, as supplemented May 31, 1983.

Discussion

By application dated January 19, 1983, Westinghouse Electric Corporation requested an amendment to Certificate of Compliance No. 4909 to permit the use of modified DOT Specification 21PF-1 overpack for the shipment of 30-inch UF_6 cylinders. Basically, the packaging will be fabricated from stainless steel rather than carbon steel. Also, the water seal on the overpack and the support legs have been improved or reinforced. The original design (DOT SPEC 21PF-1) was susceptible to corrosion (rusting of the carbon steel) due to water inleakage and retention of water. The support leg welds had cracked in a number of instances.

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The NRC staff requested clarifications by letter dated February 24, 1983. The applicant submitted additional information by letter dated May 31, 1983. On June 16, 1983, a further clarification was requested from the applicant.

On June 27, 1983, a meeting was held which discussed concerns raised by the NRC staff. These questions concerned details of the seal area of the overpack, location of O-rings, welds, protection of the O-ring seals during disassembly and assembly, and details of the leg supports. A new submittal is expected within two (2) weeks.

Original Signed by

Richard H. Odegaarden, Project Manager
Transportation Certification Branch
Division of Fuel Cycle and
Material Safety, NMSS

cc: Mr. A. J. Nardi

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