Westinghouse Electric Company,
a division of CBS Corporation

Energy Systems

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RA-98-009

January 21, 1998

U. S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

Attention: Ms. Elizabeth Ullrich
Division of Nuclear Materials Safety

Subject: Submittal of Additional Information for Renewal of
License Number SNM-1460
Docket Number 070-01503
Control Number 124956

Reference: Westinghouse Letter dated January 16, 1998 (Letter RA-98-004) from
A. J. Nardi to Elizabeth Ullrich, USNRC

Dear Ms. Ullrich:

The Westinghouse Electric Company hereby submits the attached revised pages to the application for renewal submitted by the reference letter noted above. This revision has been designated as Revision 2 and the changes are identified with a bar in the margin. The purpose of this revision is to incorporate a change that is being made as part of an update to the safety interlock system for the Hot Cells. This updating of the safety interlock system has been underway for some time; however, the decision to make the modifications identified by this revision were not made in time to be incorporated into Revision 1 referenced above.

If you have any questions concerning this submittal, please write me at the above address or telephone me at (412) 374-4652.

Sincerely,

A. Joseph Nardi, Supervisory Engineer
Energy Systems, Regulatory Affairs

/slf

Attachment

124956
JAN 26 1998

OFFICIAL RECORD COPY ML 10

MATERIALS-002

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REVISION RECORD

Revision Number	Pages Revised	Revision Record
0	All	Complete revision to update organization and operations. Application rewritten in format of draft Regulatory Guide DG-0005.
1	All	Complete revision to combine the two current site licenses (SNM-47 and SNM-1460) into a single license, to update the company name and address, and to respond to an NRC request for additional information.
2	9-25	Revised description of high level cell door control.

Entry into the cell is through a 3-foot wide by 6-foot high doorway in the right wall which opens into an airlock. The 27 inch thick doorway is closed on the inside by a pneumatically sealed, remotely operated, hinged door. On the outside is a 13-inch thick, sliding, steel, shielding door. Heavy steel frames are cast into the concrete around the outer door opening to prevent radiation streaming at the edges.

An in-cell monitor normally prevents opening of the cell door when the radiation level exceeds 100 mR/hr. If it becomes necessary to open the door at levels exceeding 100 mR/hr, an administratively controlled key is required, and an additional monitor on the west wall of the service area is positioned to alarm if shine from the open portal exceeds 2mR/hr at that point. To prevent anyone from becoming trapped inside the cell, a physical lockout of the door operating system is required before personnel entry into the cell is permitted.

This cell is supplied and maintained remotely and is not normally entered. Any entry requires RSC approval and detailed written procedures. If entry is anticipated, minimum required protective clothing includes coveralls, hoods, shoe covers and gloves.

The airlock is constructed of 12-inch thick conventional mix (145 lb/ft^3) concrete and has nominal inside dimensions of 5.2 foot length by 8.5 foot width by 9 foot height. It is equipped with a lead-glass viewing window, a pair of master-slave manipulators and utility tubes and ports. The airlock is intended primarily to assure the isolation of the high level cell during transfers. In addition it can be used for dry storage and decontamination purposes. A 4-inch thick, sliding, steel door equipped with pneumatic seals separates the airlock from the service area.