



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 11 TO

FACILITY LICENSE NO. TR-2

CBS CORPORATION

1.0 INTRODUCTION

By letter dated September 15, 1999, as supplemented on October 4, 1999, the CBS Corporation applied for an amendment to the possession only license to modify the decommissioning Technical Specifications (TSs) dealing with controls for ingress, egress, and equipment removal from containment.

2.0 EVALUATION

The licensee is planning to revise four Technical Specifications (TS) in their approved Decommissioning Plan. The first TS change, Section 3.1.3.2(1), deals with what doors need to be closed when restricted activities are taking place within containment. Access to containment is through three locations, i.e., the truck lock door and the east and west airlock doors. Each entry point has two doors, an outer door and an inner door. In the existing TS either door could be closed except during personnel ingress or egress or while equipment is being passed through the doorways. In the proposed TS the licensee has specified the following. For the truck lock door the inner door to containment needs to be closed. The reason given for the change is that the containment boundary is more accurately defined as the interior access door between the truck lock area and containment. The truck lock area was transferred to the SNM-770 license in April 1970 and the outer doors are controlled by this license.

For the east and west airlock doors, fire doors with an interior crash bar have been installed at the outer door as a safety feature to minimize the risk of personnel being trapped in containment during an emergency. The airlock doors (inner doors) do not allow quick and efficient egress during a postulated fire in containment; therefore, the original air lock doors have been removed and confinement is maintained by the newly installed fire doors.

Therefore, the proposed TS require that the inner truck lock door be closed and the outer east and west lock doors be closed except during personnel ingress or egress or while equipment is being passed through the doorways, and this meets the original goal of the existing TS.

The second TS change, Section 3.1.3.2(3), deals with the condition of the containment when the containment is open for removal of materials and equipment. In the existing TS, Restricted Activities in containment are suspended. In the proposed TS, containment extension is permitted if an enclosure is provided around the opening to effectively isolate the containment from the outside environment. If these extensions are not in place, all Restricted Activities in

containment are suspended. Negative pressure (airflow into containment) is maintained in containment in the existing as well as the proposed TS. Containment isolation is effectively maintained under the proposed TS as it was in the existing TS.

The third TS change, Section 3.1.3.2(4) deals with the control of access into containment. In the existing TS the outer doors in the air lock and the truck lock outer doors shall be locked or blocked closed to prevent unauthorized entry except when authorized personnel are inside the containment building or outside with the door in view. In the proposed TS, access into containment will be controlled through a Health Physics (HP) control point, which is on the first floor of the G-Building. To prevent unauthorized entry the accesses into and out of containment shall be locked or blocked closed except when this access control point is supervised and the provisions of TS Section 3.1.3.2(1) are implemented.

Normal access into the containment is through a door in the G-Building basement (east and west airlock doors). The G-Building basement is a "Radiation Area". Routine activities during the day may require workers to exit containment (rest, lunch, equipment change out, etc). Locking or blocking the doors after workers temporarily exit during the working day does not minimize radiation dose and reduces worker efficiency. Access control will be established on the first floor of the G-Building outside the radiation area. Therefore, the access control point would provide positive control into and out of containment and meets the original intent of the TS.

The fourth TS, Section 4.1.3(2), has been revised to include the HP control point in the monthly visual surveillance, which assures that accesses into containment are locked or blocked closed when no one is inside containment and the HP control point is not occupied.

The staff finds all the above changes acceptable.

3.0 ENVIRONMENTAL CONSIDERATION

This amendment involves changes in the installation or use of facility components located within the restricted areas as defined in 10 CFR Part 20. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and there is no significant increase in individual or cumulative occupational radiation exposure. The amendment also involves changes in administrative requirements. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9) and (10). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

4.0 CONCLUSION

The Commission made a proposed determination that the amendment involves no significant hazards consideration which was published in the *Federal Register* (64 FR 59798) on November 3, 1999. No public comments were received.

The staff has concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously evaluated, or create the possibility of a new or different kind of accident from and accident previously evaluated, and does not involve a significant reduction in a margin

reasonable assurance that the health and safety of the public will not be endangered by the proposed activities, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or the health and safety of the public.

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Date: December 7, 1999