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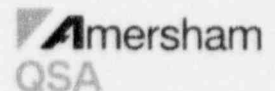
SENTINEL

31 October 1996

Mr. Cass R. Chappell, Chief
Package Certification Section
Spent Fuel Project Office
Office of Nuclear Material Safety and Safeguards
United States Nuclear Regulatory Commission
1 White Flint North
11555 Rockville Pike
Rockville, Maryland 20852

Amersham Corporation
40 North Avenue
Burlington, MA 01803

tel (617) 272-2000
tel (800) 815-1383
fax (617) 273-2216



Dear Mr. Chappell:

Amersham requests a Type B(U)-85 approval for the model 3750A package. This package is designed to transport up to 405 kCi of Co-60 as special form sources. The package has been designed, tested and manufactured against the IAEA-85(as amended 1990), 10 CFR Part 71 and 49 CFR 173 requirements for a Type B(U)-85 package.

The 3750A package is a modified version of the model 3300 which has been previously approved as a Type B(U) package under Great Britain certificate number GB/3300A/B(U)-85 and the USDOT endorsement number USA/0408/B(U). The package is constructed in accordance with the Quality Assurance program approved by the NRC under certificate number 71-0040 and in accordance with the ISO-9001 certification held by Amersham.

I have enclosed 6 copies of the Safety Analysis Report for your review. The Safety Analysis Report demonstrates the ability of the 3750A to meet all of the Type B(U)-85 requirements. We have incorporated comments made by yourself and your reviewers during our earlier meetings and greatly appreciate the early input and involvement of your staff in the initial stages of the Safety Analysis Report.

We look forward to your comments, please call if you require any additional information during the course of the review. We would be happy to meet with you and your staff after the preliminary review to answer any questions you may have.

Sincerely,


Cathleen Roughan
Regulatory Affairs Manager

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