



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

AUG 1 1994

DOCKET: 70-824

LICENSEE: Babcock & Wilcox (B&W)
Naval Nuclear Fuel Division
Lynchburg Technology Center
Lynchburg, Virginia

SUBJECT: SAFETY EVALUATION REPORT: APPLICATION DATED MARCH 23, 1994,
ORGANIZATIONAL AND POSSESSION LIMIT CHANGES

Background

By application dated March 23, 1994, B&W requested that Materials License SNM-778 be amended to incorporate organizational changes and to increase the possession limit of Am-241 as sealed sources. On April 27, 1994, B&W provided additional information. By letter dated May 13, 1994, the Nuclear Regulatory Commission staff requested additional information. B&W responded in a letter dated July 11, 1994.

Discussion

B&W is in the process of combining the licenses for the Lynchburg Technology Center (LTC) (SNM-778) with the Naval Nuclear Fuel Division (NNFD) (SNM-42). As a transitional step, B&W proposes having the LTC safety function conducted by the NNFD safety and safeguards department.

The NNFD safety organization is much larger than the LTC safety organization and, therefore, has sufficient resources to cover the LTC safety program. In the past, NNFD has provided the LTC with support. Accordingly, the staff finds this request acceptable.

To allow a reduction of shipment of sources, B&W requests that the possession limit for Am-241 be increased. B&W does not plan any additional work with the Am-241 and commits to having the sources remain in storage at the site until the work is ready to be performed. The staff finds this request acceptable.

Categorical Exclusion

The staff has determined that the following conditions have been met:

1. There is no significant change in the types or significant increase in the amounts of any effluents that may be released offsite,
2. There is no significant increase in individual or cumulative occupational radiation exposure,
3. There is no significant construction impact, and

AUG 1 1994

2

4. There is no significant increase in the potential for or consequences from radiological accidents.

Accordingly, pursuant to 10 CFR 51.22(c)(11), neither an environmental assessment nor an environmental impact statement is warranted for this proposed action.

Conclusion/Recommendation

The staff has determined that the proposed changes are acceptable.

Based on the above discussion, the staff concludes that the amendment can be issued without undue risk to the workers, public, or environment. Therefore, approval of the application is recommended.

The Region II Office has no objection to this licensing action.

Principal Contributors:

Michael Lamastra

Mary Adams