



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

JUL 21 1993

DOCKET: 40-7102

LICENSEE: Shieldalloy Metallurgical Corporation (SMC)
Newfield, New Jersey

SUBJECT: SAFETY EVALUATION REPORT, AMENDMENT APPLICATION DATED
JANUARY 25, 1993, RE AUTHORIZED USERS AND RADIATION
PROTECTION PERSONNEL

Background

Shieldalloy Metallurgical Corporation's (SMC) single production facility prepares columbium (niobium) products for use in several segments of the United States industry. The columbium is recovered from ores by use of thermal electric smelting operations. These ores also contain small quantities of source materials (uranium and thorium), essentially all of which accumulate in slag and dust, which are formed as byproducts of the smelting operations.

The facility is located in the State of New Jersey and occupies 60 acres in the town of Newfield, Gloucester County, and an additional 7.5 acres in the town of Vineland, Cumberland County, for a total of 67.5 acres.

SMC currently holds NRC License SMB-743 for possession of source material. By letter dated January 25, 1993, SMC requested that Condition 12 of its license be amended to show changes in personnel authorized to handle or supervise the handling of source material. Furthermore, SMC requested the approval of changes in personnel responsible for its radiation protection program.

Discussion

The staff has reviewed SMC's proposed changes to License SMB-743. All personnel employed by SMC receive a basic radiation safety orientation. In addition, authorized users are trained in the fundamentals of ionizing radiation, basic radiation control practices, applicable site health physics procedures, and emergency procedures. Furthermore, authorized users receive additional training to assure source material is used only for its intended purpose and in a manner that protects health and minimizes danger to life and property.

Categorical Exclusion

Based on the information submitted by SMC, the staff has determined that this revision is an administrative change and as such, will not adversely affect the public health and safety or the environment. Accordingly, the staff has

9307290276 930721
PDR ADOCK 04007102
C PDR



JUL 21 1993

Shieldalloy Metallurgical Corporation 2

determined that the criteria in 10 CFR 51.22(c)(11) for categorically excluding an action from an environmental review have been met. Therefore, neither an Environmental Assessment nor an Environmental Impact Statement is necessary for this proposed action.

Conclusion/Recommendation

The staff concludes that the proposed change should have no adverse effect on the public health and safety or on the environment and that the amendment should be granted.

The Region I Principal Inspector has no objection to this proposed action.

Principal Contributors

Gary C. Comfort, Jr.
Mary Adams