



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
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LICENSEE: General Electric Company  
Wilmington, North Carolina

SUBJECT: SAFEGUARDS EVALUATION REPORT: APPLICATION DATED MARCH 21, 1994,  
REVISIONS TO FUNDAMENTAL NUCLEAR MATERIAL CONTROL PLAN

Background

By cover letter dated March 21, 1994, General Electric (GE) submitted 62 revised pages to its Fundamental Nuclear Material Control (FNMC) Plan. Such revisions were identified by the licensee as changes that did not decrease the effectiveness of its material control and accounting (MC&A) program, and thus were submitted under the provisions of 10 CFR 70.32(c).

Discussion

The revised pages dealt mainly with changes in organizational titles, but also included changes pertaining to physical inventory methodology, item monitoring practices, designation of "critical MC&A procedures," bias corrections to inventory difference, calculating the variance to inventory difference, and non-measurement contributions to the standard error of inventory difference. The NRC review of these Plan changes determined that a few of the revisions did not fully qualify as 70.32(c) type changes, and that some of the changes needed additional clarification. The MC&A licensing reviewer discussed these concerns with the licensee during a site visit on April 18-19, 1994. As a result, the licensee agreed to strengthen certain Plan statements so that they would qualify as 70.32(c) changes, and to further clarify other statements. Consequently, the licensee resubmitted all 62 revised pages of its FNMC Plan under a letter dated May 19, 1994. All such pages were re-dated "5/19/94," but only 13 pages were modified in terms of text content.

The review of the May 19th submittal confirmed that all changes were acceptable and met the criteria for changes made pursuant to 10 CFR 70.32(c).

Categorical Exclusion

The staff has determined that these revisions to the licensee's FNMC Plan do not decrease the effectiveness of its MC&A program, and their implementation will not adversely affect the public health and safety or the environment; nor the common defense and security; and is otherwise in the public interest. The provisions in 10 CFR 51.22(c)(12) cite an exclusion for safeguards plans and material accountability. Therefore, neither an environmental assessment nor an environmental impact statement is necessary for this proposed action.

Conclusion/Recommendation

The staff concludes that the licensee's FNMC Plan changes will have no adverse effect on the public health and safety or on the environment, and that they will not decrease the effectiveness of the licensee's MC&A program. Therefore, it is recommended that Safeguards License Condition SG-1.1 to Materials License SNM-1097 be revised to incorporate these plan revisions.

Principal Contributor

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