



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2

DOCKET NOS. 50-325/324

CONTROL OF HEAVY LOADS, PHASE I

1.0 Introduction

As a result of Generic Task A-36, "Control of Heavy Loads Near Spent Fuel," NUREG-0612, "Control of Heavy Loads at Nuclear Power Plants," was developed. Following the issuance of NUREG-0612, a generic letter dated December 22, 1980, was sent to all operating plants, applicants for operating licenses and holders of construction permits requesting that responses be prepared to indicate the degree of compliance with the guidelines of NUREG-0612. The responses were made in two stages. The first response (Phase I) was to identify the load handling equipment within the scope of NUREG-0612 and to describe the associated load paths, procedures, operator training, special and general purpose lifting devices, the maintenance, testing and repair of equipment and the handling equipment specifications. The second response (Phase II) was intended to show that either single-failure-proof handling equipment was not needed or that single-failure-proof equipment had been provided. This Safety Evaluation contains the staff's evaluation of Phase I. An evaluation of Phase II will be the subject of future correspondence.

By letter dated December 22, 1980 the Carolina Power and Light Company, the licensee for Brunswick Steam Electric Plant, Units 1 and 2, was requested to review its provisions for handling and control of heavy loads at Brunswick to determine the extent to which the guidelines of NUREG-0612 are presently satisfied and to discuss and commit to mutually agreeable changes and modifications that would be required in order to fully satisfy these guidelines.

2.0 Evaluation and Conclusion

The staff and its consultant, the Franklin Research Center (FRC), have reviewed the Carolina Power & Light Company submittals for Brunswick as listed in the Technical Evaluation Report (TER) pages 23 and 24. As a result of its review, FRC has issued a TER. The staff has reviewed the TER and it is hereby incorporated into our Safety Evaluation by reference. We concur with FRC's findings that the guidelines in NUREG-0612 Sections 5.1.1 and 5.3 have been satisfied. We, therefore, conclude that Phase I for the Brunswick Steam Electric Plant, Units 1 and 2 is acceptable.

Dated: May 18, 1984