



Carolina Power & Light Company
Robinson Nuclear Plant
3581 West Entrance Road
Hartsville SC 29550

May 29, 1997

Robinson File No: 13510
Serial: RNP-RA/97-0127

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23
ADDITIONAL INFORMATION REGARDING CONTROL OF HEAVY LOADS

Gentlemen:

The purpose of this letter is to provide additional information regarding the response to NUREG - 0612, "Control of Heavy Loads at Nuclear Power Plants - Resolution of TAP A-36," for the H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2. Responses to the NRC's request for information regarding NUREG - 0612 were provided by Carolina Power & Light (CP&L) Company correspondence between May 19, 1981, and June 28, 1985. By letter dated May 29, 1984, the NRC issued a Safety Evaluation of HBRSEP, Unit No. 2's responses to NUREG - 0612, Phase I that stated that Phase I of this issue for HBRSEP is acceptable. By letter dated June 28, 1985, NRC stated that, based on the improvements in heavy loads handling obtained from implementation of NUREG - 0612 (Phase I), further action is not required to reduce the risks associated with the handling of heavy loads; that a detailed Phase II review of heavy loads is not necessary; and that Phase II is considered completed.

In late 1996, CP&L completed a subsequent review of heavy loads handling practices at HBRSEP, and determined that, in order to ensure a complete response to the NUREG - 0612 guidelines, additional information should be provided to the NRC. The information, attached, was developed in the process of processing a revision to HBRSEP heavy loads handling procedures, and has been evaluated in accordance with the provisions of 10 CFR 50.59.

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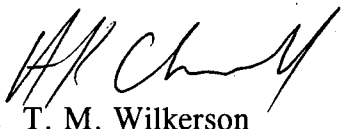
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If you have any questions concerning this matter, you may contact me or Mr. H. K. Chernoff of my staff at (803) 857-1437.

Very truly yours,


for T. M. Wilkerson
Manager - Regulatory Affairs

JSK/jk

Attachment

c: Mr. B. B. Desai, USNRC Senior Resident Inspector, HBRSEP
Ms. B. L. Mozafari, USNRC Project Manager, HBRSEP
Mr. L. A. Reyes, Regional Administrator, USNRC, Region II

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Load Blocks As Heavy Loads

The unloaded load blocks for the Containment Polar Crane, the Spent Fuel Cask Crane, and the Turbine Generator Crane were not listed as heavy loads in Table 3-1, "Tabulation of Heavy Loads" in the January 30, 1985, CP&L submittal. The unloaded load blocks are considered to be heavy loads in accordance with the guidance of NUREG - 0612.

Turbine Generator Crane And Turbine Lifting Beam

As discussed in CP&L submittals dated April 16, 1984, and January 30, 1985, the Turbine - Generator Crane and Turbine Lifting beam were excluded from evaluation because the only equipment that could be damaged from a load drop was the 4160/480 volt power supplies which are located directly below the operating deck. The January 30, 1985, letter states, "However, our investigation concludes that these power supplies are not safety related. Therefore, no equipment is in danger that could effect ability to maintain safe shutdown."

The subsequent review of the Turbine - Generator Crane and Turbine Lifting Beam against the guidance contained in NUREG - 0612, section 5.1.5, "Other Areas," has determined that there are several safe shutdown components within the operating range of the Turbine - Generator Crane. This equipment includes the condensate storage tank, auxiliary feedwater lines, several pieces of equipment in the 4160 and 480 volt switchgear, and miscellaneous auxiliary feedwater and main steam piping and instrumentation. The review resulted in a revision to the safe load path for the Turbine - Generator Crane. It should be noted that deviations from the safe load path may be made in accordance with administrative procedures and our approved commitments to NUREG - 0612.

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