

# GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 175 CURTNER AVE., SAN JOSE, CALIFORNIA 95125

*Revised* **TERA**  
**70-1308**

NUCLEAR ENERGY

PROGRAMS

DIVISION

SPENT FUEL SERVICES OPERATION

DMD-416

Docket No. 70-1308

Materials License SNM-1265

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NRC REG  
FUEL SECTION

February 27, 1980

Office of Nuclear Material Safety & Safeguards  
Attn: R.E. Cunningham, Director  
Division of Fuel Cycle & Material Safety  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

SUBJECT: INFORMATION FOR ORNL re CRANE DETAILS

Gentlemen:

This letter confirms information furnished to H. Nelms, ORNL, during a telephone conversation with J. Kesman, Morris Operation, on February 19, 1980. This information was requested by Mr. Nelms during a conference call on February 15 among Messrs. Nelms, Kesman, and F. Empson, NRC. The information furnished by Mr. Kesman was substantially as follows:

- a) Rail Attachment for Cask Crane - The cask crane rail is U.S.S. 135# rail and is in contact with an inverted 18 inch steel channel. The rail base is attached to the channel with steel clips on 23 inch centers. There is one clip on each side of the rail and the clips are made of 1/2" thick steel plate (3-3/4" x 6" x 1/2"). Each clip is attached to the building structural with two 1 inch diameter bolts and self-locking nuts. Each rail clip rests on a spacer plate which is 2-1/2 inches wide, 6 inches long, and 1/2 inch thick.
- b) Rail Attachment for Basin Crane - The basin crane rail is 40# rail and is clipped to the top of a concrete wall with steel rail base clips on 24 inch centers. The clips are located on each side of the rail and measures 4" x 4-3/4" x 3/8" thick. The clips are secured to the concrete wall with a 3/4" diameter steel bolt that is embedded into the

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concrete. The bolts are 10" long with 8" of the bolt embedded in the concrete. Each rail base clip rests on a steel spacer plate that measures 3" x 4" x 1/2" thick.

Please contact H. Rogers of this office if there are questions regarding this matter.

Respectfully,

*C.C. Herrington for*

D.M. Dawson, Manager  
Licensing & Transportation  
408\*925-6330 MC 861

DMD:HAR:bn

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