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 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250  
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251  
 AUTH NAME: UHRIG, R.E. AUTHOR AFFILIATION: Florida Power & Light Co.  
 RECIP NAME: EISENHUT, D.G. RECIPIENT AFFILIATION: Division of Licensing

SUBJECT: SDupps 830720 response to Generic Ltr 81-07, "Control of Heavy Loads," in response to NRC finding in IE Insp Rept 83-11, dtd 830620. Info documents util methodology for compliance w/NUREG-0612 & ANSI N 14.6.

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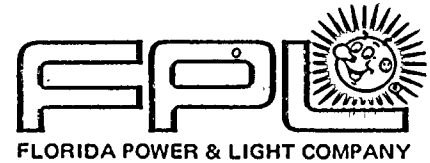
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compliance with 40 CFR 141.15. 83-11, 83-05, info documents with methodology for Heavy Loads," in response to RRC finding in LE Insp Report 83-11, 83-05, response to Generic Ltr 81-07, "Control of

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October 7, 1983  
L-83-515

Office of Nuclear Reactor Regulations  
Attention: Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Eisenhut:

Re: Turkey Point Units 3 & 4  
Docket Nos. 50-250 & 50-251  
Generic Letter 81-07; NUREG-0612  
Control of Heavy Loads

Reference: (a) NRC Inspection Report 83-11, dated 6/20/83  
(b) FPL Letter to James O'Reilly L-83-414, dated 7/20/83

During a routine safety inspection conducted at the Turkey Point facility by NRC Region II personnel, it was noted that FPL had not addressed the spent fuel cask lifting yoke in its response to Generic Letter 81-07, "Control of Heavy Loads." In reply to this I & E finding, FPL committed to provide the NRC with information, supplementing Generic Letter 81-07 responses, which documents how FPL assures compliance with NUREG 0612 and ANSI N 14.6.

The attachment to this letter outlines the requirements of NUREG-0612 and provides the manner in which FPL assures compliance with the applicable guidance documents.

If additional information is required, please contact us accordingly.

Very truly yours,

Robert E. Uhrig  
Vice President  
Advanced Systems and Technology

REU/KPH/GJK/mp  
Attachment

cc: J.P. O'Reilly, Region II (w/attachment)  
Harold F. Reis, Esquire (w/attachment)

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## ATTACHMENT

RE: Turkey Point Units 3 & 4  
Dockets Nos. 50-250 and 50-251  
NUREG 0612 - Control of Heavy Loads

### Introduction:

On December 22, 1980, the Nuclear Regulatory Commission (NRC) issued a generic letter to Florida Power & Light Company (FPL) requesting that FPL review provisions for handling and controlling heavy loads at Turkey Point. FPL was also requested to evaluate these provisions with respect to the guidelines of NUREG 0612, and provide information to be used by the NRC to determine conformance to these guidelines. The intent of this submittal is to supplement the FPL response to address the spent fuel cask and lifting device used at Turkey Point for compliance with NUREG-0612, Article 5.1.1 (4), "Special Lifting Devices."

### NUREG 0612, Article 5.1.1 (4), "Special Lifting Devices"

Special lifting devices should satisfy the guidelines of ANSI N14.6-1978, "Standard for Special Lifting Devices for Shipping Containers Weighing 10,000 Pounds (4500 kg) or more for Nuclear Materials." This standard should apply to all special lifting devices which carry heavy loads in areas as defined in NUREG-0612. For operating plants certain inspections and load tests may be accepted in lieu of certain material requirements in the standard. In addition, the stress design factor stated in Section 3.2.1.1 of ANSI N14.6 should be based on the combined maximum static and dynamic loads that could be imparted on the handling device based on characteristics of the crane which will be used. This is in lieu of the guideline in Section 3.2.1.1 of ANSI N14.6 which bases the stress design factor on only the weight (static load) of the load and of the intervening components of the special handling device.

### FPL'S RESPONSE

FPL does not own the spent fuel cask and corresponding special lifting device used at the Turkey Point Plant. This equipment is rented as required by the plant to move spent fuel. To assure compliance with NUREG 0612 Guidelines, the terms and conditions of our rental agreement with the cask vendor will require the submittal of the following Certificates of Compliance with each rental:

- . Certification that the spent fuel cask and corresponding special lifting device have been designed and fabricated to meet the intent of ANSI N14.6 - 1978. In addition, the stress design factor stated in Section 3.2.1.1 of ANSI N14.6 should be based on the combined maximum static and dynamic loads that could be imparted on the handling device based upon the characteristics of the Turkey Point fuel cask crane.
- . Certification that the spent fuel cask and corresponding special lifting device have been inspected, tested and maintained in accordance with Section 5.0 of ANSI N14.6-1978.

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