

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8606100275 DDC. DATE: 86/06/02 NOTARIZED: NO DOCKET #  
 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400  
 AUTH. NAME AUTHOR AFFILIATION  
 ZIMMERMAN, S. R. Carolina Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 DENTON, H. R. Office of Nuclear Reactor Regulation, Director (post 851125)

SUBJECT: Forwards addl info re Phase I of NUREG-0612, "Control of Heavy Loads at Nuclear Power Plants." Info addresses specially design lifting devices, per SER Confirmatory Item 21.

DISTRIBUTION CODE: B030D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 8+154  
 TITLE: Licensing Submittal: Control of Heavy Loads Near Spent Fuel (USI A-36)

NOTES: Application for permit renewal filed. 05000400

	RECIPIENT ID CODE/NAME	COPIES		RECIPIENT ID CODE/NAME	COPIES	
		LTTR	ENCL		LTTR	ENCL
	PWR-A PD2 LA	1	0	PWR-A PD2 PD	1	0
	BUCKLEY, B	1	1			
INTERNAL:	ADM/LFMB	1	0	ELD/HDS1	1	0
	NRR BWR ADTS	1	1	NRR PWR-A ADTS	1	1
	NRR PWR-B ADTS	1	1	NRR REGUA, G	1	1
	NRR SINGH, A 01	4	4	NRR/DSRO/EIB	1	1
	NRR/TAMB	1	1	<u>REG FILE</u> 04	1	1
	RGN2	1	1	RM/DDAMI/MIB	1	0
EXTERNAL:	24X	1	1	LPDR 03	1	1
	NRC PDR 02	1	1	NSIC 05	1	1

ACCESSION NO: B6000075  
FACILITY: 4000 Shearson Hart & Pincus  
AUTHOR: WALTER W. WATSON  
RECIPIENT: WALTER W. WATSON  
RECIPIENT ADDRESS: 4000 Shearson Hart & Pincus  
RECIPIENT CITY: NEW YORK  
RECIPIENT STATE: NY  
RECIPIENT ZIP: 10017

SUBJECT: Forwarded and info re Phase I of NUREG-0812 "Control of Heavy Loads of Nuclear Power Plants" into operation especially design fixed devices per ICR Commission Item 51.

DISTRIBUTION CODE: B000 COPIES RECEIVED: 1 ENCL: 1  
TITLE: Licensing Submittal: Control of Heavy Loads of Nuclear Power Plants (US) A 28

NOTES: Application for permit renewal filed.

RECIPIENT ID CODE NAME	COPIES	RECIPIENT ID CODE NAME	COPIES
PWR-A PDR 1A	1	PWR-A PDR 1D	1
ADMLPHB	1	ELDHDS1	1
NRR NRR ADIS	1	NRR PWR ADIS	1
NRR PWR-B ADIS	1	NRR PWR 10	1
NRR SIGNA 01	1	NRR PWR 10	1
NRR 10	1	REG 10	1
RENS	1	RYADAM 10	1
NRC PDR	1	LPDR	1
NSIC	1	NSIC	1



Carolina Power & Light Company

SERIAL: NLS-86-139

JUN 2 1986

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
United States Nuclear Regulatory Commission  
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT  
UNIT NO. 1 - DOCKET NO. 50-400  
CONTROL OF HEAVY LOADS

Dear Mr. Denton:

Carolina Power & Light Company (CP&L) hereby submits additional information concerning Phase I of NUREG-0612 "Control of Heavy Loads at Nuclear Power Plants" at the Shearon Harris Nuclear Power Plant (SHNPP). The attached information concerning specially designed lifting devices is submitted in response to a verbal request for additional information from the NRC reviewer concerning SHNPP compliance with the operations, maintenance, testing, and inspection requirements of ANSI N14.6-1978. This information was requested to resolve Safety Evaluation Report (SER) Confirmatory Item No. 21 from the Auxiliary Systems Branch.

By letter dated June 21, 1981, CP&L identified three specially designed lifting devices which would be used at SHNPP. These devices included the Internals Lifting Rig, the Spent Fuel Storage Rack Lifting Rig, and the Turbine Rotor Lifting Rig. In the previous response, the Turbine Building Gantry Crane was included as an overhead handling system which could potentially damage a safety related system (response to Item 2.1-1). Carolina Power & Light Company has completed its evaluation of this crane and determined that a load drop would not adversely impact the buried Service Water System Piping in the vicinity of the Turbine Building. This drop scenario is no longer credible due to the cancellation of SHNPP Unit No. 2. Therefore, the Turbine Rotor Lifting Rig is no longer considered a specially designed lifting rig governed by NUREG-0612. Carolina Power & Light Company's compliance with ANSI N14.6-1978 for the remaining two specially designed lifting devices is described in the attached table (listed by item number).

8606100275 860602  
PDR ADCK 05000400  
E PDR

411 Fayetteville Street • P. O. Box 1551 • Raleigh, N. C. 27602

8030  
  
11

1952 9 XII

The attached information supplements the previous responses submitted by letters dated June 26, 1981 and March 28, 1985. The additional information provided by this letter should enable your staff to close out SER Confirmatory Item No. 21. If you have any further questions or require additional information on this subject, please contact our staff.

Yours very truly,

  
S. R. Zimmerman  
Manager

Nuclear Licensing Section

SRZ/JHE/mf (3752JDK)

Attachment

cc: Mr. B. C. Buckley (NRC)  
Mr. G. F. Maxwell (NRC-SHNPP)  
Dr. J. Nelson Grace (NRC-RII)  
Mr. R. B. Licciardo (NRC-PAPS)  
Mr. Travis Payne (KUDZU)  
Mr. Daniel F. Read (CHANGE/ELP)  
Wake County Public Library

Mr. Wells Eddleman  
Mr. John D. Runkle  
Dr. Richard D. Wilson  
Mr. G. O. Bright (ASLB)  
Dr. J. H. Carpenter (ASLB)  
Mr. J. L. Kelley (ASLB)



Handwritten text, possibly a signature or name, located in the upper middle section of the page.

Small handwritten mark or characters located in the lower middle section of the page.