REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8703250212 DOC. DATE: 87/03/20 NOTARIZED: NO DOCKET #
FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400
AUTH. NAME AUTHOR AFFILIATION
CUTTER, A. B. Carolina Power & Light Co.
RECIP. NAME RECIPIENT AFFILIATION
Document Control Branch (Document Control Desk)

SUBJECT: Provides addl info re inservice pump & valve testing program in response to NRC request. Procedure governing inservice pump & valve testing program will be modified & incorporated within 30 days after NRC SER issued to util.

DISTRIBUTION CODE: B001D COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 1
TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

NOTES: Application for permit renewal filed. 05000400

	RECIPIENT ID CODE/NAME	COPIES LTTR	COPIES ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR	COPIES ENCL
	PWR-A EB	1	1	PWR-A EICSB	2	2
	PWR-A FOB	1	1	PWR-A PD2 LA	1	1
	PWR-A PD2 PD	1	1	BUCKLEY, B	2	2
	PWR-A PSB	1	1	PWR-A RSB	1	1
INTERNAL:	ACRS	6	6	ADM/LFMB	1	0
	IE FILE	1	1	IE/DEPER/EPB	1	1
	IE/DQAVT/QAB	1	1	NRR BWR ADTS	1	0
	NRR PWR-B ADTS	1	0	NRR ROE, M. L	1	1
	NRR/DHFT/MTB	1	1	OGC/HDS1	1	0
	REG FILE 01	1	1	RM/DDAMI/MIB	1	0
EXTERNAL:	BNL(AMDTS ONLY)	1	1	DMB/DSS (AMDTS)	1	1
	LPDR	1	1	NRC PDR	1	1
	NSIC	1	1	PNL GRUEL, R	1	1

TOTAL NUMBER OF COPIES REQUIRED: LTTR 33 ENCL ~~28~~ 0

CP&L

Carolina Power & Light Company

MAR 20 1987

SERIAL: NLS-87-052

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

SHEARON HARRIS NUCLEAR POWER PLANT
DOCKET NO. 50-400/LICENSE NO. NPF-63
IN-SERVICE PUMP AND VALVE TESTING PROGRAM
NRC REQUEST FOR ADDITIONAL INFORMATION

Gentlemen:

In response to an NRC staff request, Carolina Power & Light Company (CP&L) herein submits additional information concerning the In-service Pump and Valve Testing (IST) Program. This information supplements the IST Program, Revision 3, submitted on September 16, 1986 and amended in our submittal of December 31, 1986. The staff requests are reiterated below followed by CP&L's response.

Request: Why can't the throttle and governor valves for the auxiliary feedwater turbine driven pump be full stroke exercised?

Response: The throttle valve can and will be full stroke exercised on a quarterly basis.

The governor valve is hydraulically operated, drawing the hydraulic fluid from the AFW pump. The AFW pump must be running for the governor valve to operate. The governor valve's controller senses steam line pressure and turbine speed and automatically adjusts over a limited travel range to maintain AFW pump speed constant. Full stroking of the governor valve (independent of the speed control function) while the pump is running can lead to overspeed of the pump.

Request: It is implied that 1CE-56 will be full stroke exercised on the way to a cold shutdown. A statement verifying this is needed.

Response: Full stroke exercising of this valve will be performed on the way to a cold shutdown when the auxiliary feedwater turbine driven pump is being tested.

The procedure governing the IST program will be modified to incorporate these within 30 days after the NRC's SER is issued to CP&L.

If you have any questions, please contact Mr. Steve Chaplin at (919) 836-6623.

Yours very truly,

A. B. Cutter - Vice President
Nuclear Engineering & Licensing

ABC/SDC/lah (5147SDC)

cc: Mr. B. C. Buckley (NRC)
Dr. J. Nelson Grace (NRC-RII)
Mr. A. Masciantonio (NRC)
Mr. G. F. Maxwell (NRC-SHNPP)
Mr. C. Ransom (EG&G)

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

A001