

July 25, 1985

Dmb

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-85-35 A

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by NRC staff on this date.

FACILITY: Louisiana Power & Light Company Licensee Emergency Classification:
Waterford 3 _____ Notification of Unusual Event
Taft, Louisiana _____ Alert
Docket No.: 50-382 _____ Site Area Emergency
_____ General Emergency
_____ X Not Applicable

SUBJECT: HIGH VIBRATION IN MAIN TURBINE (FOLLOWUP REPORT)

On July 18, 1985, Louisiana Power & Light (LP&L) Waterford 3 facility was shut down from approximately 25% power when high vibrations occurred in their main turbine generator.

An investigation into the cause of the vibrations has revealed damage to the permanent magnet generator used for exciter field voltage and minor damage to 13 blades on a low pressure section of the turbine. No damage observed thus far is believed to be the cause of the excessive vibration that occurred. LP&L plans to replace the damaged blades.

LP&L plans to conduct additional inspections of the electrical generator with miniature cameras and fiber optics. The damaged turbine rotor assembly is being replaced by a spare and will be balance-checked to verify that it was not the cause of the vibration. In addition, several other possible sources of the vibrations are being studied.

The plant shutdown is expected to continue until approximately August 9, 1985.

The licensee does not plan to issue a press release but will respond to any media inquiries.

The state of Louisiana has been informed.

CONTACT: G. L. Constable, FTS 728-8151

DISTRIBUTION:

H. ST.	MNBB	Phillips	E/W	Willste	MAIL:
Chmn Palladino	EDO	NRR	IE	NMSS	DOT: Trans Only
Comm. Zech	PA	DCS	OIA	RES	DMB (Original)
Comm. Roberts	MPA		AEOD		
Comm. Asselstine	ELD		VIB		INPO
Comm. Bernthal					NSAC
SECY		Air Rights			
ACRS		SP			
CA					
PDR Regions:				Licensee:	
				(Reactor Licensees)	

RIV:DRSP
RPDenise/lk

RA
RDMartin
/ /85

8508010448 850725
PDR I&E
PNO-IV-85-035A PDR

1034
0/1