

*JM*  
*Read to W.F. Coyle*  
*12/30*  
*SE*

December 30, 1991

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNC-II-91-84

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 the Region II staff on this date.

FACILITY: Entergy Operations, Inc.  
Grand Gulf Unit 1  
Docket No. 50-416  
Port Gibson, MS 39150

Licensee Emergency Classification:  
\_\_\_\_ Notification of Unusual Event  
\_\_\_\_ Alert  
\_\_\_\_ Site Area Emergency  
\_\_\_\_ General Emergency  
X Not Applicable

SUBJECT: UNPLANNED SHUTDOWN TO EXCEED 72-HOURS

On December 29, 1991, due to reactor recirculation pump 'B' coupling vertical and horizontal vibration phase angle readings trending up, the plant commenced a reactor shutdown. Vibration amplitudes have not significantly increased, however, the vertical and horizontal phase angle has changed approximately 70 degrees. Because of previous experience with shaft cracking, and as a matter of prudence, management decided to shut down the unit starting at 1200 (noon) 12/29/91 to replace the '3' pump shaft. The plant is expected to be at cold shutdown condition on December 30, 1991 at approximately 1600. The NRC Resident inspectors will monitor the licensee's activities on site.

The NRC resident inspectors were notified of this information at noon on December 29, 1991.

This information is current as of December 30, 1991, 0815 hours.

CONTACT: R. Wright - 841-0345

DISTRIBUTION:

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NRR	PDR	ASLAP		
NMSS				
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5520: 12/30/91 @ TO REGIONS AND HQ

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PNC-II-91-084 PDR

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