

DCP

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 III staff on this date.

Facility: Commonwealth Edison Co.  
Zion Nuclear Station  
105 Shiloh Blvd.  
Zion, IL 60099

Licensee Emergency Classification: *all with*  
Unusual Event  
Alert  
Site Area Emergency  
General Emergency  
XX Not Applicable

Subject: SHUTDOWN GREATER THAN 72 HOURS TO INVESTIGATE/REPAIR CONDENSER BOOT FAILURE

At 7:49 p.m. (CDT) September 7, 1990, while operating at 92 percent power, Unit 2 experienced a loss of condenser vacuum when the rupture disk on the low pressure turbine and two turbine to condenser boots failed. The loss of vacuum caused a turbine trip/reactor trip. All systems responded as designed.

The licensee plans to enter the condenser and investigate the cause and extent of the damage once the unit reaches cold shutdown. The unit will be shut down for more than 72 hours. Region III will monitor the licensee's course of action.

The State of Illinois will be notified.

The information in this Preliminary Notification has been reviewed with licensee management.

Region III was notified of this event at 9:20 p.m. (CDT) September 7, 1990. This information is current as of 11 a.m. (CDT) September 10, 1990.

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Region I
Region II
Region IV
Region V

MAIL TO:
DCS (Orig)
DOT (Trans. Only)

FAX TO:		
INPO 1:60	NSAC 1:01	LIC 1:07
NRC OPS CTR 1:03		
PDR (8/634-3343) 1:05		

\*Denotes a Displaywriter/PC not an IBM 5520 Terminal.

Rev. 07/17/90

9009140092 900910  
PDR I&E  
PNO-III-90-058 PDC

*IF 34*  
*01*  
*SEP*