

REPORT DATE: May 27, 1975

OCCURRENCE DATE: May 19, 1975

ABNORMAL OCCURRENCE

FORT ST. VRAIN NUCLEAR GENERATING STATION  
PUBLIC SERVICE COMPANY OF COLORADO  
P. O. BOX 361  
PLATTEVILLE, COLORADO 80651

REPORT NO. 50-267/75/13

PRELIMINARY

IDENTIFICATION OF  
OCCURRENCE:

IA D-G unit failed to start during the weekly surveillance test of week  
#21 (S.R. 5.6.1. a-w)

This is an abnormal occurrence as per section 2.1 paragraph (f) of the technical specifications.

CONDITIONS PRIOR  
TO OCCURRENCE:

<u>          </u>	Steady State Power	<u>          </u>	Routine Shutdown
<u>          </u>	Hot Shutdown	<u>          </u>	Routine Load Change
<u>      X      </u>	Cold Shutdown	<u>          </u>	Other (specify)
<u>          </u>	Refueling Shutdown	<u>          </u>	
<u>          </u>	Routine Startup	<u>          </u>	

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The major plant parameters at the time of the event were as follows:

Power	RTR, <u>0</u>	MWth
	ELECT, <u>0</u>	MWe
Secondary Coolant	Pressure	psig
	Temperature	F
	Flow	#/hr.
Primary Coolant	Pressure	psig
	Temperature	F Core Inlet
		F Core Outlet
	Flow	#/hr.

Plant shutdown prior to re-start of B-O low power physics testing.

DESCRIPTION OF  
OCCURRENCE:

I-B engine (K-9204X) of I-A standby diesel - generator failed to start during routine weekly surveillance testing. The engine cranked properly (according to control room indication) but declutched after the exhaust gas temperature had not reached set-point in 30 seconds.

APPARENT CAUSE OF  
OCCURRENCE:

  X   Procedure

  X   Other

The engine had been out of service on Friday, May 19th to adjust the over-speed switches (mechanical and electrical). Since the engine was in running condition, it was left available to the operators should it be needed with the caution that it was not returned to service per the technical specifications, since the settings on the switches were not finalized.

This information was lost, between the verbal communication and the log entries, and the surveillance test was run on schedule, resulting in an engine failure.

ANALYSIS OF  
OCCURRENCE:

The failure to have available to the operator a positive means of identifying the status of the engines led to the abnormal occurrence. The failure of the engine to start is not considered abnormal because of the uncertain condition of the overspeed protection switches.

This is an abnormal occurrence per section 2.1 paragraph (g) of the Technical Specifications.

CORRECTIVE  
ACTION:

A system of identifying to the operators, the status of all equipment (especially equipment not having a clearance issued, since a clearance board is already provided) is being developed and will be initiated as soon as practical.

FAILURE DATA/SIMILAR REPORTED OCCURRENCES:

Abnormal Occurrence No. 12 is of a similar nature, though not exactly the same.

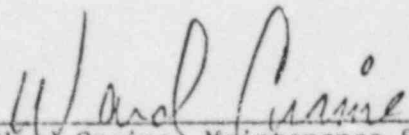
PROGRAMMATIC IMPACT:

None

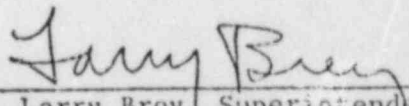
CODE IMPACT:

None

RECOMMENDED:

  
Ward Craine, Maintenance Supervisor  
Fort St. Vrain Nuclear Generating  
Station

APPROVED:

  
H. Larry Brey, Superintendent - Operations  
Fort St. Vrain Nuclear Generating  
Station