



# Public Service Company of Colorado

P. O. Box 361, Platteville, Colorado 80651

February 7, 1975



Mr. E. Morris Howard, Director  
Directorate of Regulatory Operations  
Region IV, USAEC  
P. O. Box 5039  
White Settlement, Texas 76108

Dear Mr. Howard:

REF: Facility Operating License  
No. DPR-34

Docket No. 50-267

Enclosed please find a copy of Abnormal Occurrence Report No. 50-267/75/1,  
submitted per the requirements of the Technical Specifications.

Very truly yours,

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

FES:il

cc: Mr. Angelo Giambusso

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PDR ADOCK 05000267  
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REPORT DATE: January 28, 1975

OCCURRENCE DATE: January 18, 1975

ABNORMAL OCCURRENCE\*

Subsequently determined not  
to be an Abnormal Occurrence

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

REPORT NO. 50-267/75/1  
Final

IDENTIFICATION OF  
OCCURRENCE:

The 230KV Breaker, which isolates Bus #22 and the Reserve Auxiliary Transformer from the Valmont line tripped due to high winds. This trip caused the "A" Standby Diesel Generator Unit to receive a start signal. The "A" Unit started normally but the "B" Unit did not receive a start signal.

CONDITIONS PRIOR  
TO OCCURRENCE:

<u>Steady State Power</u>	<u>Routine Shutdown</u>
<u>Hot Shutdown</u>	<u>Routine Load Change</u>
<u>Cold Shutdown</u>	<u>X Other (specify)</u>
<u>Refueling Shutdown</u>	<u>Reactor in Cold Shutdown condi-</u>
<u>Routine Startup</u>	<u>tion except R.M.S. in fuel load-</u>
	<u>ing position to perform Rod Cal.</u>
	<u>Tests.</u>

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

Power	PTR, _____	0	MWth
	ELECT, _____	0	MWe
Secondary Coolant	Pressure _____	0	psig
	Temperature _____	N/A	°F
	Flow _____	0	#/hr.
Primary Coolant	Pressure _____	8	psig
	Temperature _____	185	°F Core Inlet
		185	°F Core Outlet
	Flow _____	0	#/hr.

DESCRIPTION OF  
OCCURRENCE:

"A" Diesel Generator Unit started (both engines). "B" Diesel Generator Unit did not start.

APPARENT CAUSE  
OF OCCURRENCE:

_____ Design	_____ Unusual Service Cond.
_____ Manufacture	_____ Component Failure
_____ Installation/Const.	<input checked="" type="checkbox"/> Other (specify)
_____ Operator	The low voltage relay on the "A"
_____ Procedure	480V Bus sensed a momentary low
	voltage due to the line trip and
	started the "A" Diesel Unit. The
	voltage trip was not enough to be
	sensed on the "C" 480V Bus, there-
	fore a signal to start the "B"
	Diesel Generator was not generated.

ANALYSIS OF  
OCCURRENCE:

The relay sensing voltage of the "A" 480V Bus was found to be set to sense a very small trip in voltage and sent a start signal to the "A" diesel unit. No failure of the "B" unit occurred since it properly did not receive a start signal. The results of the analysis indicates that no Abnormal Occurrence existed.

CORRECTIVE  
ACTION:

The relays for under-voltage on the "A" 480V Bus will be recalibrated.

FAILURE DATA/SIMILAR REPORTED OCCURRENCES:

Abnormal Occurrence #14 involved a failure of a diesel to start but this was due to a fuel system problem and is unrelated to this occurrence.

PROGRAMMATIC IMPACT:

None

CODE IMPACT:

None

RECOMMENDED

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

APPROVED

Frederic E. Swart  
Frederic E. Swart, Superintendent  
Nuclear Production, Fort St. Vrain  
Nuclear Generating Station