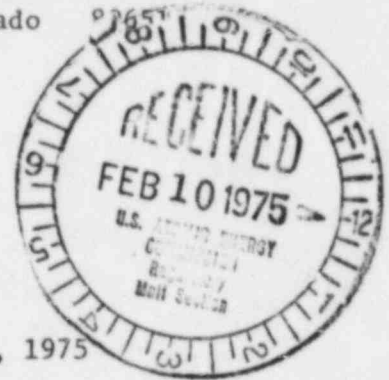


**Public Service Company of Colorado**

P. O. Box 361, Platteville, Colorado 80651



January 31, 1975

Mr. E. Morris Howard, Director  
Directorate of Regulatory Operations  
Region IV, USAEC  
P. O. Bx 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. 50-267/75/2,  
submitted per the requirements of the Technical Specifications.

Very truly yours,

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

FES:il

cc: Mr. Angelo Giambusso

*50-267  
inquiry*

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# DISTRIBUTIONS

## Financial

### Events

### and

### Abnormal

### Occurrences

### Monthly

### Letter

### Annual

### Occurrences

### Monthly

### Letter

### Operating

### Cost

### Reports

## Addressee

San Francisco Operations Office

ERDA

1333 Broadway

Oakland, California 94612

Attn: Manager

Finance & Budget

Calif. Patent Group

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Division of Reactor Research  
and Development

ERDA

Washington, D. C. 20545

Attn: Director

Asst. Dir. for LMFTR Programs

Asst. Dir. for Gas Cooled Reactor Project

Asst. Dir. for Engrg. and Technology

Asst. Dir. for Reactor Safety

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ERDA -SCRPO-SD

P. O. Box 81325

San Diego, California 92138

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W. Soule', Project Engr.

ERDA -SCRPO

P. O. Box 1446

Canoga Park, California 91304

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-

Address --> Director

Letter --> ERDA -SCRPO

to --> P. O. Box 1446

--> Canoga Park, California 91304

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Technical Information Center

ERDA

P. O. Box 62

Oak Ridge, Tennessee 37830

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John W. Landis, President, Power Systems Co.

General Atomic Company

P. O. Box 81608

San Diego, California 92138

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Shari Hall

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Bob Clark

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R. Walker

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F. Swart

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L. Brey

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D. Rodgers

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E. Hill

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F. Mathie

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W. Hillyard

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D. Alexander

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J. Liebelt

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K. Stannard

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NRC, Director of Regulations, Washington, D. C. 20545

(Chairman, NFSC)

A. Glushko

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(copy of Howard letter & xerox of

Oscar Lee

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Control Room

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D. Marchberg

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E. Howard

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R. Ayres (FBI letter)

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M. J. Cooney

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Philadelphia Electric Company

2301 Market St.

Philadelphia, Pa. 19101

mailing

(letter) copy of letter to Glushko

REPORT DATE: 1-25

ABNORMAL OCCURRENCE

OCCURRENCE DATE: 1-13-75

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

REPORT NO. 50-267/75/2

Preliminary

IDENTIFICATION OF  
OCCURRENCE:

The Reactor Building Exhaust Charcoal Filters failed to meet Technical Specification requirements.

This has been determined to be an Abnormal Occurrence per definition 2.1.f of the Technical Specifications.

CONDITIONS PRIOR  
TO OCCURRENCE:

_____	Steady State Power	_____	Routine Shutdown
_____	Hot Shutdown	_____	Routine Load Change
X _____	Cold Shutdown	_____	Other (specify)
_____	Refueling Shutdown	_____	
_____	Routine Startup	_____	

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

Power	PTR, _____	0	MWth
	ELECT, _____	0	MWe
Secondary Coolant	Pressure _____	N/A	psig
	Temperature _____	N/A	°F
	Flow _____	N/A	#/hr.
Primary Coolant	Pressure _____	15	psig
	Temperature _____	120	°F Core Inlet
		120	°F Core Outlet
	Flow _____	0	#/hr.



were refilled by Flanders Filters using Barnebey-Cheney M-2200 and NACAR G-617, WO-0116 charcoal meeting or exceeding RDT Standard M16-1T "Gas-Phase Adsorbents For Trapping Radioactive Iodine and Iodine Compounds," issued by the Division of Reactor Research and Development, USAEC dated October, 1973.

"A" bank of the Reactor Exhaust Filters (charcoal only) is being refilled by Flandus Filters and will be installed and tested upon completion of the installation. All painting in the Reactor Building has been completed or terminated and cleaning using organic solvents has been halted.

FAILURE DATA/SIMILIAR  
REPORTED OCCURRENCES:

None

PROGRAMMATIC IMPACT:

None

CODE IMPACT:

None

RECOMMENDED:

H. Larry Brey  
H. Larry 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

REPORT DATE: 1-27-75

ABNORMAL OCCURRENCE

OCCURRENCE DATE: 1-15-75

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

REPORT NO. 50-267/75/2

Preliminary

IDENTIFICATION OF  
OCCURRENCE:

The Reactor Building Exhaust Charcoal Filters failed to meet Technical Specification requirements.

This has been determined to be an Abnormal Occurrence per definition 2.1.f of the Technical Specifications.

CONDITIONS PRIOR  
TO OCCURRENCE:

_____	Steady State Power	_____	Routine Shutdown
_____	Hot Shutdown	_____	Routine Load Change
X	Cold Shutdown	_____	Other (specify)
_____	Refueling Shutdown	_____	
_____	Routine Startup	_____	

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

Power	PTR, _____	0	MWth
	ELECT, _____	0	MWe
Secondary Coolant	Pressure _____	N/A	psig
	Temperature _____	N/A	°F
	Flow _____	N/A	#/hr.
Primary Coolant	Pressure _____	15	psig
	Temperature _____	120	°F Core Inlet
		120	°F Core Outlet
	Flow _____	0	#/hr.

50-267  
inquiry

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DESCRIPTION OF  
OCCURRENCE:

SR 5.5.3 alc-A "Reactor Building Exhaust Filter Test" requires that the Reactor Building exhaust filters be tested once per calendar year for efficiency. The freon leak test portion of the charcoal filters indicated an excessive leak rate through and/or around the charcoal filters.

APPARENT CAUSE  
OF OCCURRENCE:

_____ Design	<u>  X  </u> Unusual Service Cond. Including Environ.
_____ Manufacture	_____ Component Failure
_____ Installation/Const.	_____ Other (specify)
_____ Operator	_____
_____ Procedure	_____

All filter units were fitted and retested, it was concluded that there was no leakage around the filter units and that the painting and cleanup of the Reactor Building using oil based paint and organic solvents exhausted the charcoal units.

ANALYSIS OF  
OCCURRENCE:

Subsequent tests run on samples taken from the charcoal banks indicated the charcoal units to be exhausted. The test were run by a licensed representative of Nuclear Containment Systems, Inc., Columbus, Ohio. All other aspects of the filter assemblage were well within Technical Specifications.

CORRECTIVE  
ACTION:

"B" and "C" banks of the charcoal filters have been changed out and testing performed (1-21-75) by Nuclear Containment Systems. Results of the test showed a leak rate less than 1% and an efficiency of 99.99%. The charcoal absorber cells



were refilled by Flanders Filters using Barnebey-Cheney M-2200 and NACAR G-617, WO-0116 charcoal meeting or exceeding RDT Standard M16-1T "Gas-Phase Adsorbents For Trapping Radioactive Iodine and Iodine Compounds," issued by the Division of Reactor Research and Development, USAEC dated October, 1973.

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FAILURE DATA/SIMILIAR  
REPORTED OCCURRENCES:

None

PROGRAMMATIC IMPACT:

None

CODE IMPACT:

None

RECOMMENDED:

H. Larry Brey  
H. Larry 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