Previous A[illegible]50-267/75/17 reported 8/15[illegible]5

LICENSEE EVENT REPOR[illegible]

CONTROL BLOCK: [ ] (1–6)

(PLEASE PRINT ALL REQUIRED INFORMATION)

	LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
01	COFSVI	00-0000-00	41120	01
7 8 9	14	15 25	26 30	31 32

	CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
01 CON'T	DI	O	L	050-0267	080875	040576
7 8	57 58	59	60	61 68	69 74	75 80

EVENT DESCRIPTION

02 During cold shutdown, instrument air compressor was observed by operator
03 to be running continuously in an unloaded condition. Standby instrument
04 air compressor was placed in service. Unloader was replaced with
05 spare. No loss of control function occurred.
06 (AO 50-267/75/17A)

	SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07	PA	E	MECFUN	N	G035	N
7 8 9	10	11	12 17	43	44 47	48

CAUSE DESCRIPTION

08 A mechanical failure in the Gardner-Denver Model BH-10A unloader
09 prevented loading of compressor. Unloader was replaced with spare.
10 Unloaders will be replaced with newest model BHG-15A on all air compressors

	FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11	G	000	NA	A	NA
7 8	9	10 12	13 44	45	46 80

	FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
12	Z	Z	NA	NA
7 8	9	10	11 44	45 80

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION
13	000	Z	NA
7 8 9	11	12	13 80

PERSONNEL INJURIES

	NUMBER	DESCRIPTION
14	000	NA
7 8 9	11	12 80

OFFSITE CONSEQUENCES

15 NA

LOSS OR DAMAGE TO FACILITY

	TYPE	DESCRIPTION
16	Z	NA
7 8 9	10	80

PUBLICITY

17 NA

8311090152 760405
PDR ADOCK 05000267
S PDR

ADDITIONAL FACTORS

18 NA

19

NAME: Roger A. Heller PHONE: 571-7511 Ext. 1455

GPO 881-667

Public Service Company of Colorado
P. O. Box 361, Platteville, Colorado 80651

RECEIVED
5-4-76
U.S. NUCLEAR REGULATORY COMMISSION
Mail Section

April 5, 1976
Fort St. Vrain
Unit No. 1
P-76091

Mr. E. Morris Howard, Director
Nuclear Regulatory Commission
Region IV
Office of Inspection and Enforcement
Suite 1000
Arlington, Texas 76012

REF: Facility Operating License
No. DPR-34

Docket No. 50-267

Dear Mr. Howard:

Enclosed please find a copy of Abnormal Occurrence Report No. 50-267/75/17A, Final, submitted per the requirements of the Technical Specifications.

Also, please find enclosed one copy of the Licensee Event Report for Abnormal Occurrence Report No. 50-267/75/17A.

Very truly yours,

Frederic E. Swart

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

FES/alk

cc: Mr. Roger S. Boyd

4345

REPORT DATE: April 5, 1976

OCCURRENCE DATE: August 8, 1975

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

REPORT NO. 50-267/75/17A

Final

IDENTIFICATION OF OCCURRENCE:

Instrument air compressor 1C (C-8203) was observed by a plant operator to be running continuously in an unloaded condition. This was identified as an Abnormal Occurrence per Technical Specification 2.1 (f).

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	RTR	0	MWth
	ELECT	0	MWe
Secondary Coolant	Pressure	N/A	psig
	Temperature	N/A	°F
	Flow	N/A	#/hr.
Primary Coolant	Pressure	N/A	psig
	Temperature	N/A	°F Core Inlet
		N/A	°F Core Inlet
	Flow	N/A	#/hr.

DESCRIPTION OF OCCURRENCE:

Instrument air compressor 1C (C-8203) was observed by a plant operator to be running continuously in an unloaded condition. The spare instrument air compressor was placed in service and C-8203 shutdown. The instrument air system was not disabled and no loss of control function occurred.

APPARENT CAUSE OF OCCURRENCE:

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

ANALYSIS OF OCCURRENCE:

A mechanical failure occurred in the suction valve unloader actuator assembly which prevented proper operation of the unloader. This occurrence had no adverse effect on plant or public safety.

CORRECTIVE ACTION:

The failed unloader actuator was replaced with a new, identical, unloader actuator and tested satisfactorily.

Public Service Company and the manufacturer investigated the acceptability of these actuators. As a result, Change Notice Number 251 has been approved and issued to replace BH-10A type unloaders with the manufacturer's newest model BHG-15A unloader for all System 82 compressors. Except for completion of the approved replacement, no further corrective action is anticipated.

FAILURE DATA/SIMILAR REPORTED OCCURRENCES:

None

PROGRAMMATIC IMPACT:

None

CODE IMPACT:

None

Submitted by: _____
H. W. Hillyard, Jr.
Technical Services Supervisor

Reviewed by: _____
H. Larry Brey
Superintendent, Operations

Approved by: _____
Frederic E. Swart
Superintendent, Nuclear Production