



Public Service

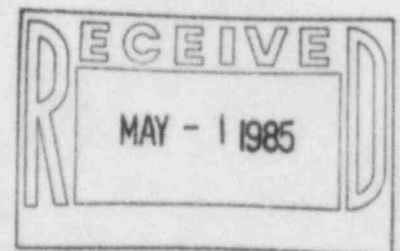
Public Service
Company of Colorado

16805 WCR 19 1/2, Platteville, Colorado 80651

April 30, 1985
Fort St. Vrain
Unit No. 1
P-85143

Regional Administrator
Region IV
U. S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011

Attention: Mr. Eric H. Johnson



Docket No. 50-267

SUBJECT: Emergency Response
Capabilities

- REFERENCES:
- 1) PSC Letter (P-83147)
Lee to Denton, Dated
4/14/83
 - 2) PSC Letter (P-84079)
Brey to Collins,
Dated 3/09/84
 - 3) NRC Letter (G-84178)
Johnson to Lee,
Dated 5/31/84
 - 4) NRC Letter (G-84448)
Wagner to Lee, Dated
11/29/84

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Dear Mr. Johnson:

The purpose of this letter is to provide you with an update in regards to the status of Public Service Company's Emergency Response Capabilities, as originally discussed in Reference 1.

Attachment 1 provides an updated schedule for providing the information originally requested by NRC Generic Letter 82-33. Attachment 2 provides a more detailed summary of the activities that have transpired on each Generic Letter 82-33 requirement.

85-259

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If you have any questions, please contact Mr. M. H. Holmes at (303)
571-8409

Very truly yours,

D. W. Warembourg
D. W. Warembourg
Manager, Nuclear
Engineering Division

DWW/MEN/ksc

attachments

Updated Generic Letter 82-33 Submittal Schedule *

<u>SUBMITTAL</u>	<u>GENERIC LETTER 82-33 REFERENCE</u>	<u>P-84079 SUBMITTAL SCHEDULE</u>	<u>UPDATED SUBMITTAL SCHEDULE</u>
1) SPDS Safety Analysis	4.1a	9/20/84**	Complete
2) CRDI Program Plan	5.2a	Complete	Complete
3) CRDR Summary Report	5.2b	4/30/85	Complete
4) R.G. 1.9 Report	6.2	2/28/85	Complete
5) EP Technical Guidelines	7.2a	Complete	Complete
6) EP Procedures Generation Package	7.2b	Complete	10/31/85

* NOTE: Schedule was originally provided via Reference 1 to this letter and later revised by Reference 2.

** NOTE: Date was revised by P-84372 (Warembourg to Johnson, dated 9/19/84) to 11/13/84 (four months after receipt of NRC Audit Report).

Summary of Activities And Current Status of Generic Letter 82-33
Requirements

1) Safety Parameter Display System

<u>ACTIVITY</u>	<u>DATE</u>	<u>SYNOPSIS</u>
P-83147 Lee to Denton	4/14/83	Response to Generic Letter 82-33
P-83360 Brey to Collins	11/4/83	Requests date for NRC Pre-implementation Review
P-84013 Brey to Collins	1/20/84	Schedules SPDS Pre-implementation Review and Transmits SPDS Program Plan
G-84077 Wagner to Fuller	3/06/84	Notification of SPDS Pre-implementation Review
SPDS Pre-implemen- tation Audit	3/12/84 to 3/14/84	NRC SPDS Pre-implementation Audit.
G-84355 Johnson to Lee	9/14/84	SPDS Pre-implementation Audit Results.
P-84372 Warembourg to Johnson	9/19/84	Revises date for SPDS Safety Analysis Report until four months after receipt of NRC Audit Report.
P-84487 Warembourg to Johnson	11/13/84	Transmits SPDS Safety Analysis Report, Responds to NRC Pre-implemen- tation Audit Report.
P-85035 Warembourg to Johnson	1/31/85	Provides Information on SPDS isolators as requested by NRC SPDS Pre-implementation Audit Report.

CURRENT STATUS - SPDS

The dual redundant computer configuration to be utilized for the SPDS/plant computer is currently being installed. SPDS software is currently under development. All major SPDS hardware components have been procured and most have been received. These items will be available for installation once software development is complete and as plant conditions allow. The major equipment item missing at this time is the SPDS isolation equipment, which is scheduled for delivery in September 1985.

SPDS computer terminals will be located in the Control Room, Technical Support Center and the Forward Command Post. These terminals and the complete SPDS are scheduled to be initially in service prior to startup, following Fort St. Vrain's fourth refueling outage. Computer terminals that can access some of the SPDS parameters (not via final SPDS software) are currently in place in the Control Room and Technical Support Center. It is anticipated that similar computer terminals will be located in the Forward Command Post and able to access plant computer data by the third quarter of 1985.

The following is an update to the SPDS Installation Schedule originally provided as Attachment 3 to P-84487, Warembourg to Johnson, dated 11/13/84:

SPDS Installation Schedule

<u>Activity</u>	<u>Original Schedule</u>	<u>Current Schedule/Status</u>
SPDS Power System Installed	April 1985	May 1985/Power was initially available in April. A redesign has now been requested and the modified design will be complete by the end of May 1985
Installation of Second CDC Main Frame	October 1985	3rd quarter 1985/(ahead of original schedule)
SPDS Software Design and Development Completed	March 1986	2nd quarter 1986/ Personnel reassignments causing slipage
SPDS Hardware Operational	July 1986	July 1986/on Schedule
SPDS Verification and Validation Complete	4th Refueling Outage	4th Refueling Outage/ on Schedule
Control Room SPDS Operational	4th Refueling Outage	4th Refueling Outage/ on Schedule

2) Control Room Design Review (CRDR)

<u>ACTIVITY</u>	<u>DATE</u>	<u>SYNOPSIS</u>
P-83147 Lee to Denton	4/14/83	Response to Generic Letter 82-33
P-83243 Brey to Collins	7/13/83	Transmittal of CRDR Program Plan
G-84077 Wagner to Fuller	3/06/84	Notification of NRC In Progress Audit of CRDR
NRC In Progress Audit	3/12/84 to 3/15/84	NRC In Progress Audit
G-84165	5/16/84	NRC In Progress Audit Report Report
P-85142 Warembourg to Johnson	4/30/85	Transmittal of CRDR Summary Report and Response to In Progress Audit Report

CURRENT STATUS - CRDR

The CRDR effort consists of five (5) phases; planning, execution, assessment, correction and post review. The first three of these phases is now complete. Phase four (4), the correction phase, is currently in progress with modifications to the I-01 control board taking place at this time. The desired completion date for this phase is prior to startup, following Fort St. Vrain's fourth refueling outage. See P-85142 , Warembourg to Johnson, dated 4/30/85 for more information regarding this schedule.

3) Accident Monitoring Instrumentation (R.G. 1.97)

<u>ACTIVITY</u>	<u>DATE</u>	<u>SYNOPSIS</u>
P-83147 Lee to Denton	4/14/83	Response to Generic Letter 82-33
P-84527 Lee to Johnson	12/27/84	Environmental Qualification of Post Accident Monitoring Equipment
P-85065 Warembourg to Johnson	2/28/85	R. G. 1.97 Report

CURRENT STATUS - R.G. 1.97

R.G. 1.97 Report has been submitted. Additional instrumentation for PCRV cooling water and control room emergency air flow are scheduled to be completed prior to startup, following Fort St. Vrain's fourth refueling outage. See P-85065, Warembourg to Johnson, dated 2/28/85 for more information regarding this item.

EMERGENCY OPERATING PROCEDURES

<u>ACTIVITY</u>	<u>DATE</u>	<u>SYNOPSIS</u>
P-82344 Warembourg to Kuzmycz	8/24/82	PSC comments on Oak Ridge National Laboratory review of FSV Emergency Procedures
P-83147 Lee to Denton	4/14/83	Response to Generic Letter 82-33
G-84178 Johnson to Lee	5/31/84	Requests Procedures Generation Package (PGP) be developed. States Plant Specific Technical Guidelines need not be submitted.
P-84226 Warembourg to Johnson	7/19/84	Request Closure of TMI Action Plan, Item I.C.1 with any revision to be followed via the CRDR.
G-84448 Wagner to Lee	11/29/84	States that it is acceptable to upgrade EOPs based on a PGP, Plant Specific Technical Guidelines need not be included. Requests schedule for PGP and subsequent procedure revisions and Training. Also states Item I.C.1 will remain open.

CURRENT STATUS - EOPs

Public Service Company of Colorado is currently pursuing the development of a Procedures Generation Package via, an outside consultant. This package will consist of a writers guide, a description of the planned Verification/Validation Program and a description of the Training Program. Based on References 3 and 4, no plant-specific technical guidelines will be submitted. The schedule for our EOP Implementation Program is as follows:

- 1) Complete Procedures Generation Package by 10/31/85.
- 2) Revise EOPs and provide training within 18 months, following completion of Procedures Generation Package.

The 18 month implementation period is required because of the impact on the Operations and Training departments by the following:

- 1) Rewrite of System Operating Procedures.
- 2) Rewrite of Overall Plant Operating Procedures.
- 3) Operator Accreditation Program.
- 4) Training associated with Control Room Design Review control board modifications.