

Public Service  
Company of Colorado

January 15, 1988  
Fort St. Vrain  
Unit No. 1  
P-88030

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Attention: Mr. Jose A. Calvo  
Director, Project Directorate IV

Docket No. 50-267

SUBJECT: SUBMITTAL OF CURRENT  
CONSTRUCTION STATUS FOR  
APPENDIX R MODIFICATIONS

- REFERENCES: 1). PSC letter,  
Williams to  
Calvo dated  
August 21, 1987  
(P-87267)
- 2). PSC letter,  
Williams to  
Calvo dated  
September 25,  
1987, (P-87330)

Dear Mr. Calvo:

The attached "Schedule of Appendix R Modifications" updates the schedule previously submitted to the NRC in Reference 1, in accordance with PSC's commitment to report progress on these modifications semi-annually. Changes to this schedule are discussed below:

Item 4.4 (a), the installation of emergency lighting has been delayed because of problems associated with the installation of emergency lighting batteries. The new emergency lighting system installation has been completed with the exception of these supplementary batteries, per PSC's prior commitment. Previously received batteries were discharged due to inadequate storage during installation, which

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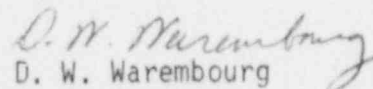
rendered them unusable. PSC has aggressively pursued replacement of these batteries and anticipates that the new emergency lighting system will be functional no later than March 1, 1988, as noted in the attached schedule. Every effort is being made to minimize the delay in completion of this modification.

Item 4.5 (b) has been added to reflect bracing that was identified as being required for a linear beam detector, as a part of the overall review of the fire detection systems. This additional bracing has been installed as noted on the attached schedule.

Item 4.11(g), chain operator for additional manual value, was cancelled as noted in Reference 2.

If there are any questions concerning this matter, please contact Mr. M. H. Holmes at (303) 480-6960.

Very truly yours,



D. W. Warembourg  
Manager  
Nuclear Engineering Division

DWW/RAS/bc

Enclosure: as stated

CC: Regional Administrator, Region IV  
ATT: Mr. T. F. Westerman, Chief  
Project Section B

Mr. Kenneth Heitner  
Project Manager, NRR

Mr. Dennis Kubicki  
Fire Protection Engineer  
Plant System Branch, NRR

Mr. R. E. Farrell  
Senior Resident Inspector  
Fort St. Vrain

SCHEDULE FOR APPENDIX R MODIFICATIONS

ITEM	DESCRIPTION	STATUS (COMPENSATORY MEASURE)
4.1	FIRE DOORS	MODIFICATION COMPLETE
4.2	PENETRATION SEALS	MODIFICATION COMPLETE
4.3	FIRE DAMPER	MODIFICATION COMPLETE
4.4	EMERGENCY LIGHTING	
(a)	REISSUE REQUIRED FOR CHANGES	INSTALL BY MARCH 1, 1988 (OPERATORS CARRY FLASHLIGHTS DURING INTERIM)
4.5	FIRE DETECTION	MODIFICATION COMPLETE
(a)	REISSUE FOR ADDITIONAL DETECTORS	INSTALL BY FEB. 1, 1988 (FIRE WATCH IN PLACE DURING INTERIM)
(b)	BRACE LINEAR BEAM DETECTOR	MODIFICATION COMPLETE
4.6	ACM BACKFEED TO THREE-ROOM COMPLEX	INSTALL BY STARTUP FOLLOWING 4TH REFUELING (INTERLOCK JUMPER PROCEDURE IN PLACE)
4.7	VENTILATION DAMPER AIR BOTTLE	MODIFICATION COMPLETE
4.8	PORTABLE VENTILATION FANS	MODIFICATION COMPLETE
4.9	THIRD PERMANENT TURBINE WATER REMOVAL PUMP INSTALLATION	INSTALL BY STARTUP FOLLOWING 4TH REFUELING (FIRE WATCH IN PLACE DURING INTERIM)
4.10	CABLE REROUTES	
(a)	REACTOR PLANT EXHAUST FAN	MODIFICATION COMPLETE

SCHEDULE FOR APPENDIX R MODIFICATIONS

ITEM	DESCRIPTION	STATUS (COMPENSATORY MEASURE)
(b)	BEARING WATER MAKEUP	MODIFICATION COMPLETE
(c)	SURGE TANK LEVEL INSTRUMENTATION	MODIFICATION COMPLETE
(d)	FEEDWATER FLOW MONITORING	MODIFICATION COMPLETE
(e)	FEEDWATER FLOW ASSOC. CABLES	MODIFICATION COMPLETE
(f)	ACM FUEL OIL TRANSFER PUMP	MODIFICATION COMPLETE
(g)	HELIUM FLOW INSTRUMENT CABLES	MODIFICATION COMPLETE
(g.1)	HELIUM FLOW INSTRUMENT FUSES	MODIFICATION COMPLETE
(h)	MAIN STEAM TEMP. INDICATION	MODIFICATION COMPLETE
(i)	BEARING WATER PUMPS	MODIFICATION COMPLETE
(j)	EMERGENCY WATER BOOSTER PUMP	MODIFICATION COMPLETE
(k)	FIRE WATER PUMP ROOM UPGRADE	MODIFICATION COMPLETE
4.11	VALVE OPERABILITY	
(a)	ACCUMULATOR/ACTUATOR MODIFICATION	MODIFICATION COMPLETE
(b)	VALVE OPERATOR AIR BOTTLES	MODIFICATION COMPLETE
(c)	LOCAL CONTROL VALVES	MODIFICATION COMPLETE
(d)	LADDERS	MODIFICATION COMPLETE

SCHEDULE FOR APPENDIX R MODIFICATIONS

ITEM	DESCRIPTION	STATUS (COMPENSATORY MEASURE)
(e.1)	ADDITIONAL LADDERS/PLATFORMS FOR REVISED MODEL	LADDER INSTALLATION COMPLETE PLATFORM BY FEB. 1, 1988 (TEMP LADDER INSTALLED)
(f)	VALVE TAGGING FOR REVISED MODEL	MODIFICATION COMPLETE
(g)	CHAIN OPERATOR FOR ADDITIONAL MANUAL VALVE	CANCELLED PER P-87330 OF SEPT. 25, 1987
4.13	ACM DIESEL TECH. SPECS. (DRAFT TO NRC)	COMPLETE
4.14 (a)	SHUTDOWN PROCEDURES (ORIGINAL MODEL)	COMPLETE
(b)	SHUTDOWN PROCEDURES (REVISED MODELS)	COMPLETE
(c)	SPECIAL REPAIR PROCEDURES (INCLUDING FIRE WATCH)	COMPLETE
4.15	MAIN STEAM 6" VENT INSTALLATION	
(a)	LOOP 1	MODIFICATION COMPLETE
(b)	LOOP 2	MODIFICATION COMPLETE
4.16	CONDENSATE STORAGE TANK FIRE HOSE ADAPTER AND LEVEL INDICATION	MODIFICATION COMPLETE
4.17	REPAIR OF DEFICIENT PENETRATION SEALS PER LER-87-006	COMPLETE