



FORT ST. VRAIN NUCLEAR GENERATING STATION
PUBLIC SERVICE COMPANY OF COLORADO

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THE FOLLOWING MATERIAL IS TRANSMITTED HEREWITH:

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FIRE PROTECTION OPERABILITY REQUIREMENTS

Fire Doors

FPOR-14 The fire doors listed in Table FPOR-14-1 shall be operable.

APPLICABILITY: At all times.

ACTIONS:

With one or more of the required fire doors inoperable, within 1 hour, establish an hourly fire watch on at least one side of the affected door(s).

EXCEPTION: Fire doors may be opened for brief periods (i.e., personnel and equipment access and egress, not to exceed 60 minutes) without taking the actions described above. However, for fire doors which will be open for longer periods of time, the aforementioned actions apply.

SURVEILLANCE REQUIREMENTS:

The required fire doors shall be demonstrated operable:

- a. At least once per 24 hours, by verifying each fire door is closed.
- b. At least once per quarter (92 days) or following maintenance work on the door by:
 - 1) Functionally testing and visually inspecting each fire door, and replacing any damaged hardware (i.e., hinges, latches, catches, closers, etc.).
 - 2) Verifying combustible materials are not stored near the door and the door opening is not obstructed.
- c. Deleted

BASIS FOR FPOR-14:

The operability of the fire doors ensures that fire damage will be limited, as analyzed in the DFPP. These design features minimize the possibility of a single fire involving more than one fire area prior to detection and extinguishment.

In the event that a fire door does not remain intact, a fire watch on one side of the affected door will ensure early notification of a fire.

Verifying the position of each fire door at least once per 24 hours ensures that the fire doors are in their as-designed condition to confine or retard fires from spreading to adjacent portions of the facility.

Visually inspecting and functionally testing each fire door at least once per quarter, and following maintenance or repair work, ensures closing mechanisms, latches, hinges, and catches will be able to perform their design function when required.

Maintaining the immediate door area free of combustibles and obstructions helps ensure free operation of the door and reduce the possibility of fire spread from one area to another.

National Fire Protection Association (NFPA) 80 - Standard for Fire Doors and Fire Windows and the NFPA Fire Protection Systems Inspection, Test & Maintenance Manual was used as a guide for the frequencies and requirements defined in this FPOR.

TABLE: FPOR-14-1

<u>DOOR #</u>	<u>ELEVATION</u>	<u>NAME</u>
76	4791	Aux Boiler South Doors
77	4791	Aux Boiler East Doors
79	4791	Diesel Generator Room, West Door, North End
80	4791	Diesel Generator Room, Dividing Wall, North End
81	4791	Diesel Generator Room, Dividing Wall, South End
82	4791	Diesel Generator Room, East Door, North End
91	4792'-10"	Turbine Lube Oil Storage Room
94	4792'-7"	Turbine Lube Oil Reservoir Room
142		Electric Fire Water Pump Room
RSD 1	4789'-6"	Records Center West Do -
RSD 7	4790'-2"	Records Center East Door
RSD 8	4790'-2"	Records Center East Door