

H.B.ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
NRC DOCKET NO. 50-261/LICENSE NO. DPR-23  
REQUEST FOR LICENSE AMENDMENT  
REQUIRED OPERABILITY OF FIRE PROTECTION FEATURES

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TECHNICAL SPECIFICATION PAGES

- a. For the Containment Vessel Electrical Penetration Area initiate an inspection once per shift with particular emphasis on identifying any potential hazards for fire.\*
- b. For all other areas, within one (1) hour establish a continuous fire watch with backup fire suppression equipment for those areas in which redundant systems or components could be damaged; for other areas, establish an hourly fire watch patrol.
- c. Restore the system to operable status within 14 days or prepare and submit a Special Report to the Commission within the next 30 days outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the system to operable status.

#### 3.14.4 Fire Hose Stations

3.14.4.1 Each fire hose station in Table 3.14.2 shall be operable.

3.14.4.2 With a hose station in Table 3.14.2 inoperable:

- a. Route an additional equivalent capacity hose to the unprotected area from an operable hose station within one hour if the inoperable fire hose is the primary means of fire suppression; otherwise route the additional hose within 24 hours.\*
- b. Restore the hose station to operable status within 14 days or prepare and submit a Special Report to the Commission within the next 30 days outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the system to operable status.

#### 3.14.5 CO<sub>2</sub> Fire Protection System

3.14.5.1 The CO<sub>2</sub> Fire Protection Systems for 1) the Diesel Generator Rooms and, 2) North and South Cable Vaults shall be operable, each:

- a. With a complete bank (19 cylinders for the Diesel Generator Room and 18 cylinders in the North and South Cable Vaults) of fully charged CO<sub>2</sub> cylinders in service,
- b. With the system aligned to deliver to the protected areas, and
- c. With automatic initiation logic operable. For the Diesel Generators, this includes two dedicated heat detectors per room for CO<sub>2</sub> actuation.
- d. A CO<sub>2</sub> cylinder shall be deemed fully charged if it contains not less than 90% of the full charge weight.

3.14.5.2 With any of the CO<sub>2</sub> Fire Protection Systems in a condition of readiness less than required by the above:

\* For the duration of containment vessel ILRT and SIT pressurization, temperature stabilization, data collection, and depressurization, the requirements of Technical Specifications 3.14.3.2.a and 3.14.4.2.a may be suspended.

- a. For the Containment Vessel Electrical Penetration Area initiate an inspection once per shift with particular emphasis on identifying any potential hazards for fire.\*
- b. For all other areas, within one (1) hour establish a continuous fire watch with backup fire suppression equipment for those areas in which redundant systems or components could be damaged; for other areas, establish an hourly fire watch patrol.
- c. Restore the system to operable status within 14 days or prepare and submit a Special Report to the Commission within the next 30 days outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the system to operable status.

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- b. Restore the hose station to operable status within 14 days or prepare and submit a Special Report to the Commission within the next 30 days outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the system to operable status.

#### 3.14.5 CO<sub>2</sub> Fire Protection System

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- b. With the system aligned to deliver to the protected areas, and
- c. With automatic initiation logic operable. For the Diesel Generators, this includes two dedicated heat detectors per room for CO<sub>2</sub> actuation.
- d. A CO<sub>2</sub> cylinder shall be deemed fully charged if it contains not less than 90% of the full charge weight.

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