ENCLOSURE 3

Joseph M. Farley Nuclear Plant
Request to Revise Technical Specifications and Associated Bases
Storage Pool Ventilation (Fuel Movement)

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3/4.9.13 STORAGE POOL VENTILATION (FUEL MOVEMENT)

LIMITING CONDITION FOR OPERATION

3.9.13 Two independent penetration room filtration systems (Specification 3.7.8) shall be OPERABLE * and aligned to the spent fuel pool room:

APPLICABILITY: During crane operation with loads, over the fuel in the spent fuel pit and during fuel movement within the spent fuel pit.

ACTION:

a. With one penetration room filtration system inoperable return both systems to OPERABLE status within 7 days or suspend all movement of fuel and crane operation with loads over the spent fuel in the storage pool room.

b. The provisions of Specification 3.0.3 and 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

4.9.13.1 Two penetration room filtration systems shall be verified to be aligned to the spent fuel pool room within 12 hours prior to fuel handling or crane operations in the storage pool room and at least once per 24 hours thereafter until fuel movement operations in the storage pool room are suspended.

4.9.13.2 The penetration room filtration system shall be demonstrated OPERABLE per the requirements of Specification 4.7.8.

4.9.13.3 At least once per 18 months verify that the normal spent fuel pool system ventilation system will isolate upon receipt of either;

a. The spent fuel pool ventilation low differential pressure test signal, or

b. A spent fuel pool high radiation test signal.

* The normal or emergency power source may be inoperable in MODE 5 or 6 provided that the requirements of TS 3.8.1.2 are satisfied.

3/4.9.9 CONTAINMENT PURGE AND EXHAUST ISOLATION SYSTEM

The OPERABILITY of this system ensures that the containment vent and purge penetrations will be automatically isolated upon detection of high radiation levels within the containment. The OPERABILITY of this system is required to restrict the release of radioactive material from the containment atmosphere to the environment.

3/4.9.10 and 3/4.9.11 WATER LEVEL - REACTOR VESSEL and STORAGE POOL

The restrictions on minimum water level ensure that sufficient water depth is available to remove 99% of the assumed 10% iodine gap activity released from the rupture of an irradiated fuel assembly. The minimum water depth is consistent with the assumptions of the accident analysis.

3/4.9.12 and 3/4.9.13 STORAGE POOL VENTILATION SYSTEM

The limitations on the storage pool ventilation system ensure that all radioactive material released from an irradiated fuel assembly will be filtered through the HEPA filters and charcoal adsorber prior to discharge to the atmosphere. The OPERABILITY of this system and the resulting iodine removal capacity are consistent with the assumptions of the accident analyses. The note regarding PRF electrical system OPERABILITY is provided for clarification. In MODES 5 and 6, the electrical power requirements do not require considering a single failure coincident with a loss of all offsite or all onsite power.

With one PRF train inoperable, action must be taken to restore OPERABLE status within 7 days. During this period, the remaining OPERABLE train is adequate to perform the PRF function. The 7 day completion time is based on the risk from an event occurring requiring the inoperable PRF train, and the remaining PRF train providing the required protection.

3/4.9.14 CONTAINMENT PURGE EXHAUST FILTER

The operability of the containment purge exhaust filter ensures that in the event of a fuel handling accident in the containment the radioactive materials released are filtered and adsorbed prior to reaching the environment.

3/4.9.13 STORAGE POOL VENTILATION (FUEL MOVEMENT)

LIMITING CONDITION FOR OPERATION

3.9.13 Two independent penetration room filtration systems (Specification 3.7.8) shall be OPERABLE * and aligned to the spent fuel pool room:

APPLICABILITY: During crane operation with loads, over the fuel in the spent fuel pit and during fuel movement within the spent fuel pit.

ACTION:

a. With one penetration room filtration system inoperable return both systems to OPERABLE status within 7 days or suspend all movement of fuel and crane operation with loads over the spent fuel in the storage pool room.

b. The provisions of Specification 3.0.3 and 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

4.9.13.1 Two penetration room filtration systems shall be verified to be aligned to the spent fuel pool room within 12 hours prior to fuel handling or crane operations in the storage pool room and at least once per 24 hours thereafter until fuel movement operations in the storage pool room are suspended.

4.9.13.2 The penetration room filtration system shall be demonstrated OPERABLE per the requirements of Specification 4.7.8.

4.9.13.3 At least once per 18 months verify that the normal spent fuel pool system ventilation system will isolate upon receipt of either;

a. The spent fuel pool ventilation low differential pressure test signal, or

b. A spent fuel pool high radiation test signal.

* The normal or emergency power source may be inoperable in MODE 5 or 6 provided that the requirements of TS 3.8.1.2 are satisfied.

3/4.9.9 CONTAINMENT PURGE AND EXHAUST ISOLATION SYSTEM

The OPERABILITY of this system ensures that the containment vent and purge penetrations will be automatically isolated upon detection of high radiation levels within the containment. The OPERABILITY of this system is required to restrict the release of radioactive material from the containment atmosphere to the environment.

3/4.9.10 and 3/4.9.11 WATER LEVEL - REACTOR VESSEL and STORAGE POOL

The restrictions on minimum water level ensure that sufficient water depth is available to remove 99% of the assumed 10% iodine gap activity released from the rupture of an irradiated fuel assembly. The minimum water depth is consistent with the assumptions of the accident analysis.

3/4.9.12 and 3/4.9.13 STORAGE POOL VENTILATION SYSTEM

The limitations on the storage pool ventilation system ensure that all radioactive material released from an irradiated fuel assembly will be filtered through the HEPA filters and charcoal adsorber prior to discharge to the atmosphere. The OPERABILITY of this system and the resulting iodine removal capacity are consistent with the assumptions of the accident analyses. The note regarding PRF electrical system OPERABILITY is provided for clarification. In MODES 5 and 6, the electrical power requirements do not require considering a single failure coincident with a loss of all offsite or all onsite power.

With one PRF train inoperable, action must be taken to restore OPERABLE status within 7 days. During this period, the remaining OPERABLE train is adequate to perform the PRF function. The 7 day completion time is based on the risk from an event occurring requiring the inoperable PRF train, and the remaining PRF train providing the required protection.

3/4.9.14 CONTAINMENT PURGE EXHAUST FILTER

The operability of the containment purge exhaust filter ensures that in the event of a fuel handling accident in the containment the radioactive materials released are filtered and adsorbed prior to reaching the environment.

ENCLOSURE 4

Joseph M. Farley Nuclear Plant
Request to Revise Technical Specifications and Associated Bases
Storage Pool Ventilation (Fuel Movement)

Marked Pages

3/4.9.13 STORAGE POOL VENTILATION (FUEL MOVEMENT)

LIMITING CONDITION FOR OPERATION

3.9.13 Two independent penetration room filtration systems (Specification 3.7.8) shall be OPERABLE* and aligned to the spent fuel pool room:

APPLICABILITY: During crane operation with loads, over the fuel in the spent fuel pit and during fuel movement within the spent fuel pit.

ACTION

a. With one penetration room filtration system inoperable return boths systems to OPERABLE status within ~~48 hours~~ 7 days or suspend all movement of fuel and crane operation with loads over the spent fuel in the storage pool room.

b. The provisions of Specification 3.0.3 and 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

4.9.13.1 Two penetration room filtration systems shall be verified to be aligned to the spent fuel pool room within 12 hours prior to fuel handling or crane operations in the storage pool room and at least once per 24 hours thereafter until fuel movement operations in the storage pool room are suspended.

4.9.13.2 The penetration room filtration system shall be demonstrated OPERABLE per the requirements of Specification 4.7.8.

4.9.13.3 At least once per 18 months verify that the normal spent fuel pool system ventilation system will isolate upon receipt of either;

a. The spent fuel pool ventilation low differential pressure test signal, or

b. A spent fuel pool high radiation test signal.

* The normal or emergency power source may be inoperable in MODE 5 or 6 provided that the requirements of TS 3.8.1.2 are satisfied.

3/4.9.9 CONTAINMENT PURGE AND EXHAUST ISOLATION SYSTEM

The OPERABILITY of this system ensures that the containment vent and purge penetrations will be automatically isolated upon detection of high radiation levels within the containment. The OPERABILITY of this system is required to restrict the release of radioactive material from the containment atmosphere to the environment.

3/4.9.10 and 3/4.9.11 WATER LEVEL - REACTOR VESSEL and STORAGE POOL

The restrictions on minimum water level ensure that sufficient water depth is available to remove 99% of the assumed 10% iodine gap activity released from the rupture of an irradiated fuel assembly. The minimum water depth is consistent with the assumptions of the accident analysis.

3/4.9.12 and 3/4 9.13 STORAGE POOL VENTILATION SYSTEM

The limitations on the storage pool ventilation system ensure that all radioactive material released from an irradiated fuel assembly will be filtered through the HEPA filters and charcoal adsorber prior to discharge to the atmosphere. The OPERABILITY of this system and the resulting iodine removal capacity are consistent with the assumptions of the accident analyses.

3/4.9.14- CONTAINMENT PURGE EXHAUST FILTER

The operability of the containment purge exhaust filter ensures that in the event of a fuel handling accident in the containment the radioactive materials released are filtered and adsorbed prior to reaching the environment.

The note regarding PRF system OPERABILITY is provided for clarification. In MODES 5 and 6, the electrical power requirements do not require considering a single failure coincident with a loss of all offsite or all onsite power.

With one PRF train inoperable, action must be taken to restore OPERABLE status within 7 days. During this period, the remaining OPERABLE train is adequate to perform the PRF function. The 7 day completion time is based on the risk from an event occurring requiring the inoperable PRF train, and the remaining PRF train providing the required protection.

REFUELING OPERATIONS

3/4.9.13 STORAGE POOL VENTILATION (FUEL MOVEMENT)

LIMITING CONDITION FOR OPERATION

3.9.13 Two independent penetration room filtration systems (Specification 3.7.8) shall be OPERABLE* and aligned to the spent fuel pool room:

APPLICABILITY: During crane operation with loads, over the fuel in the spent fuel pit and during fuel movement within the spent fuel pit.

ACTION

a. With one penetration room filtration system inoperable return both systems to OPERABLE status within ~~48 hours~~ 7 days or suspend all movement of fuel and crane operation with loads over the spent fuel in the storage pool room.

b. The provisions of Specification 3.0.3 and 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

4.9.13.1 Two penetration room filtration systems shall be verified to be aligned to the spent fuel pool room within 12 hours prior to fuel handling or crane operations in the storage pool room and at least once per 24 hours thereafter until fuel movement operations in the storage pool room are suspended.

4.9.13.2 The penetration room filtration system shall be demonstrated OPERABLE per the requirements of Specification 4.7.8.

4.9.13.3 At least once per 18 months verify that the normal spent fuel pool system ventilation system will isolate upon receipt of either:

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3/4.9.9 CONTAINMENT PURGE AND EXHAUST ISOLATION SYSTEM

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3/4.9.10 and 3/4.9.11 WATER LEVEL - REACTOR VESSEL and STORAGE POOL

The restrictions on minimum water level ensure that sufficient water depth is available to remove 99% of the assumed 10% iodine gap activity released from the rupture of an irradiated fuel assembly. The minimum water depth is consistent with the assumptions of the accident analysis.

3/4.9.12 and 3/4 9.13 STORAGE POOL VENTILATION SYSTEM

The limitations on the storage pool ventilation system ensure that all radioactive material released from an irradiated fuel assembly will be filtered through the HEPA filters and charcoal adsorber prior to discharge to the atmosphere. The OPERABILITY of this system and the resulting iodine removal capacity are consistent with the assumptions of the accident analyses.

3/4.9.14 CONTAINMENT PURGE EXHAUST FILTER

The operability of the containment purge exhaust filter ensures that in the event of a fuel handling accident in the containment the radioactive materials released are filtered and adsorbed prior to reaching the environment.

The note regarding PEF system OPERABILITY is provided for clarification. In MODES 5 and 6, the electrical power requirements do not require considering a single failure coincident with a loss of all offsite or all onsite power.

With one PEF train inoperable, action must be taken to restore OPERABLE status within 7 days. During this period, the remaining OPERABLE train is adequate to perform the PEF function. The 7 day completion time is based on the risk from an event occurring requiring the inoperable train, and the remaining PEF train providing the required protection.