

THREE MILE ISLAND NUCLEAR STATION, UNIT 2 (TMI II)
OPERATING LICENSE NO. DPR-73
DOCKET NO. 50-320

Amendment to Tech Spec Change Request No. 35

The licensee requests that the attached pages 3.9.1 and 3.9.2 be substituted for the existing Technical Specifications and the change page included with Tech Spec Change Request No. 35.

Reasons for Change

This amendment separates the Fuel Handling Building Air Cleanup System and the Auxiliary Building Air Cleanup System Technical Specification to provide added clarity to the operator. Additionally it provides a definition to be used to determine if liquid may be moved upon loss of the air cleanup system in either building.

Safety Evaluation Justifying Change

Separating the Fuel Handling Building Air Cleanup System and the Auxiliary Building Air Cleanup System Technical Specification does not have an adverse affect on safety.

Additionally in response to a request from the onsite NRC staff a criteria has been developed to determine if a liquid should be classified as radwaste in the context of these Technical Specifications. This definition replaces the discussion of the use of EPICOR II effluent in the SPC System contained in the previous submittal. The isotopes listed are those normally associated with the cleanup and are measurable onsite. If the activity for each isotope is less than specified below, then movement of a liquid meeting this criteria can occur even in the event of a failure of the fuel handling building or auxiliary building air cleanup system.

^3H	1E 0 $\mu\text{Ci/ml}$
^{137}Cs	2E-5 $\mu\text{Ci/ml}$
^{134}Cs	3E-6 $\mu\text{Ci/ml}$
^{90}Sr	1E-5 $\mu\text{Ci/ml}$
^{106}Ru	1E-5 $\mu\text{Ci/ml}$
^{144}Ce	1E-5 $\mu\text{Ci/ml}$
^{125}Sb	1E-5 $\mu\text{Ci/ml}$
^{60}Co	5E-6 $\mu\text{Ci/ml}$

Other isotopes which may be detected occasionally during the cleanup process will be limited to 1E-5 $\mu\text{Ci/ml}$. Additionally small volumes (less than 5 gallons) of contaminated water which are transported manually through a building are also considered to be excluded from the prohibition of moving liquid radwaste when an air cleanup system is inoperable.

LIMITING CONDITIONS FOR OPERATION

3.9 RADIOACTIVE WASTE STORAGE

FUEL HANDLING BUILDING/AUXILIARY BUILDING AIR CLEANUP SYSTEMS

3.9.12.1 The Fuel Handling Building Air Cleanup Exhaust System shall be OPERABLE with exhaust ventilation flow through the HEPA filters during system operation. The Fuel Handling Building Air Cleanup Exhaust System is OPERABLE when two of the four system air cleanup exhaust fans are OPERABLE.

APPLICABILITY: At all times.

ACTION:

- a. With the Fuel Handling Building Air Cleanup Exhaust System inoperable due to flow requirements, return the flow to within acceptable limits within four (4) hours or;
- b. With the Fuel Handling building Air Cleanup Exhaust System inoperable (other than as allowed in paragraph 3.9.12.1 a above), suspend all operations involving movement of liquid and gaseous radioactive wastes in the Fuel Handling Building (other than sampling evolutions required by the Technical Specifications or Recovery Operations Plan) until the system is restored to OPERABLE status.

3.9.12.2 The Auxiliary Building Air Cleanup Exhaust System shall be OPERABLE with exhaust ventilation flow through the HEPA filters during system operation. The Auxiliary Building Air Cleanup Exhaust System is OPERABLE when two of the four system air cleanup exhaust fans are OPERABLE.

APPLICABILITY: At all times.

ACTION:

- a. With the Auxiliary Building Air Cleanup Exhaust System inoperable due to flow requirements, return the flow to within acceptable limits within four (4) hours or;

LIMITING CONDITIONS FOR OPERATION

b. With the Auxiliary Building Air Cleanup Exhaust System inoperable (other than as allowed in paragraph 3.9.12.2 a above), suspend all operations involving movement of liquid and gaseous radioactive wastes in the Auxiliary Building (other than sampling evolutions required by the Technical Specifications or Recovery Operations Plan) until the system is restored to OPERABLE status.

EPICOR II PROCESSED WATER

3.9.13 Discharge of water processed by the EPICOR II system shall be prohibited until approved by the NRC. Water processed by the EPICOR II system shall be discharged in accordance with procedures approved pursuant to Specification 6.8.2.

APPLICABILITY: At all times.

ACTION:

None except as provided in Specification 3.0.3.

REACTOR BUILDING SUMP WATER

3.9.14 Processing and discharge of water in the Reactor Building sump and Reactor Coolant System shall be prohibited until approved by the NRC. Water in the Reactor Building sump and Reactor Coolant System shall be processed and discharged in accordance with procedures approved pursuant to Specification 6.8.2.

APPLICABILITY: At all times.

ACTION:

None except as provided in Specification 3.0.3.