

OYSTER CREEK NUCLEAR GENERATING STATION
PROVISIONAL OPEFATING LICENSE NO. DPR-16
DOC.ETNO, 50-219
TECHNICAL SPECIFICATION CHANGE REQUEST NO. 138

Pursuant to 10CFR50.91 an analysis concerning Significant Hazards considerations is provided below:

1. Section to be changed:

4.12

2. Extent of changes:

To provide option of using 12-volt battery cell configuration (6-2 volt cells with intercell connections inaccessible) to the existing Tech. Spec. for the 24V DC diesel fire pump battery system.

3. Discussion:

Technical Specification Change Request No. 138 constitutes a correction to existing surveillance requirements. A copy of the modified page is provided. This change will allow personnel to recognize the proposed 12-volt battery cell configuration of the Diesel Fire Pump Battery System, in addition to the existing 2-volt battery cell configuration.

4. Determination:

The intended function of this activity is to provide option of using twelve 2-volt battery cell configuration or a two 12-volt battery cell configuration (6-2volt cells with the intercell connections inaccessible) for 24V DC diesel fire pump battery system. System performance will not be affected by this change, since overall battery voltage and capacity will remain unchanged. The proposed change will provide an option only, overall voltage and capacity will remain unchanged.

We have determined that the Subject Change Request involves no significant hazards in that operation of the Oyster Creek Nuclear Generating Station in accordance with Technical Specification Change Request No. 138 would not:

1. involve a significant increase in the probability or the consequences of an accident previously evaluated; or
2. create the possibility of new or different kind of accident from previously evaluated; or
3. involve a significant reduction in a margin of safety.

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- f. At least once per 3 years by performing a flow test of the system in accordance with Chapter 5, Section 11 of the Fire Protection Handbook, 14th Edition published by the National Fire Protection Association.
2. The Fire Pump Diesel Engine shall be demonstrated operable.
 - a. At least once per month by verifying the fuel storage tank contains at least 275 gallons of fuel.
 - b. At least once per month by verifying that the diesel starts from ambient conditions and operates for at least 30 minutes on a circulation flow.
 - c. At least once per 3 months by verifying that a fuel sample, obtained in accordance with ASTM-0270-65, from each tank is within the acceptable limits specified in Table 1 of ASTM D 975-1974 when checked for viscosity, water and sediment.
 3. The Fire Pump Diesel 24 volt battery bank and associated charger shall be demonstrated operable:
 - a. At least once per week by verifying that:
 - i. The electrolyte level of each cell is above the plates,
 - ii. The pilot cell voltage is greater than or equal to 2.0 volts or 12.0 volts based on the cell configuration used,
 - iii. The pilot cell specific gravity, corrected to 77F, will be recorded for surveillance review,
 - iv. The overall battery voltage is greater than or equal to 24 volts.
 - b. At least once per 3 months by verifying that:
 - i. The voltage of each connected cell is greater than or equal to 2.0 volts or 12.0 volts based on the cell configuration used,
 - ii. The specific gravity, corrected to 77F, of each cell will be recorded for surveillance review.
 - iii. The electrolyte level of each cell is above the plates.
 - c. At least once per 18 months by verifying that:
 - i. The batteries, cell plates and battery racks show no visual indication of physical damage or abnormal deterioration, and