



PSEG
Nuclear LLC

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TS Bases Change HCN 05-028
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U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

**TECHNICAL SPECIFICATION BASES CHANGE HCN 05-028
HOPE CREEK GENERATING STATION
FACILITY OPERATING LICENSE NPF-57
DOCKET NO. 50-354**

PSEG Nuclear, LLC (PSEG) has revised the Bases for Technical Specification (TS) 3/4.8. This change was reviewed in accordance with the requirements of the TS Bases Control Program and 10 CFR 50.59.

TS Bases 3/4.8 is being changed to maintain consistency with the Hope Creek Updated Final Safety Analysis Report.

Attachment 1 contains revised page 3/4 8-1d for the Hope Creek TS Bases. In accordance with the TS Bases Control Program, PSEG has incorporated this change into the Bases.

Should you have any questions regarding this transmittal, please contact Mr. Paul Duke at (856) 339-1466.

Sincerely,

Darin Benyak
Director - Regulatory Assurance

Attachment

A001

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B 3/4 8-1d

3/4.8 ELECTRICAL POWER SYSTEMS

BASES (Continued)

Particulate concentration should be determined in accordance with ASTM D2276-94, Method A. This method involves a gravimetric determination of total particulate concentration in the fuel oil and has a limit of 10 mg/l. The 0.8 micron filters specified in ASTM D2276-94 may be replaced with membrane filters up to 3.0 microns. This is acceptable since the closest tolerance fuel filter in the HC EDGs is a five micron particle retention duplex filter on the engine driven fuel oil pump. It is acceptable to obtain a field sample for subsequent laboratory testing in lieu of field testing. The total volume of stored fuel oil contained in two or more interconnected tanks must be considered and tested separately. The frequency of this test takes into consideration fuel oil degradation trends that indicate the particulate concentration is unlikely to change significantly between frequency intervals.

The OPERABILITY of the minimum specified A.C. and D.C. power sources and associated distribution systems during shutdown and refueling ensures that (1) the facility can be maintained in the shutdown or refueling condition for extended time periods and (2) sufficient instrumentation and control capability is available for monitoring and maintaining the unit status.

With exceptions as noted in the Hope Creek UFSAR, the surveillance requirements for demonstrating the OPERABILITY of the diesel generators comply with the recommendations of Regulatory Guide 1.9, "Selection, Design, and Qualification of Diesel Generator Units Used as Standby (Onsite) Electrical Power Systems at Nuclear Power Plants", Revision 2, December, 1979, Regulatory Guide 1.108, "Periodic Testing of Diesel Generator Units Used as Onsite Electric Power Systems at Nuclear Power Plants", Revision 1, August 1977 and Regulatory Guide 1.137 "Fuel-Oil Systems for Standby Diesel Generators", Revision 1, October 1979 as modified by plant specific analysis, diesel generator manufacturer's recommendations, and Amendment 59, to the Facility Operating License, issued November 22, 1993.