



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 149 TO FACILITY OPERATING LICENSE NO. DPR-66

DUQUESNE LIGHT COMPANY
OHIO EDISON COMPANY
PENNSYLVANIA POWER COMPANY

BEAVER VALLEY POWER STATION, UNIT NO. 1

DOCKET NO. 50-334

1.0 INTRODUCTION

By letter dated October 16, 1989, Duquesne Light Company (the licensee, acting as agent for the above utilities) submitted a request to modify certain existing technical specifications, and adding additional specifications on diesel generator fuel oil. All of these changes would render Unit 1's specifications the same as Unit 2's, issued under Amendment No. 22.

2.0 DISCUSSION AND EVALUATION

The proposed amendment would modify the diesel generator fuel oil surveillance requirements to reflect the current Standard Technical Specifications for Westinghouse Reactors (WSTS). The following changes are made:

(1) Specification 3.8.1.1.a,b,d and Associated Bases

A footnote * is added to clarify the allowable duration (7 days) when the diesel generators are considered inoperable per specification 4.8.1.1.2.d.2 and 4.8.1.1.2.e. These surveillance requirements verify the quality of the fuel oil in the storage tanks on a periodic basis and in accordance with Regulatory Guide 1.137, Position C.2.a, the fuel oil may for a short period of time (about a week), be allowed not to meet the specification requirements. The intent of the surveillance requirements is to ensure the fuel oil satisfies the quality specifications; therefore, note * has been written to allow up to 7 days to correct the out-of-specification condition. These changes are acceptable due to their compliance with Regulatory Guide 1.137.

(2) Specification 4.8.1.1.2.a.3

This specification is deleted. The fuel oil sample verification requirements are now satisfied by the revised specifications 4.8.1.1.2.d and e (see below). The deletion is thus acceptable.

(3) Specification 4.8.1.1.2.c

This specification has been added to require periodic removal of accumulated water from the day tank and the fuel oil storage tank. This new surveillance

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requirement is identical to the current Unit 2 requirement, consistent with our current position expressed in the WSTS, and complies with Position C.2.d of Regulatory Guide 1.137, "Fuel Oil Systems for Standby Diesel Generators." This new specification will help to enhance diesel generator operability and is acceptable.

(4) Specification 4.8.1.1.2.d

The licensee proposed to add a new specification 4.8.1.1.2.d in compliance with the corresponding WSTS requirements. The new requirements specify tests to be applied to new fuel oil, i.e., API gravity test, kinematic viscosity, flash point and visual appearance. The acceptance criteria and procedures (ASTM documents) are also specified.

The new specification 4.8.1.1.2.d is identical to the WSTS as expressed in the McGuire TS. The requirements, previously non-existent, will help to enhance diesel generator operability, and are identical to those already existing in the Unit 2 TS. We find these changes acceptable.

(5) Specification 4.8.1.1.2.e

This is newly added to require sampling the fuel oil in the storage tanks and day tanks at least every 31 days, and verifying the total particulate contamination be less than 10 mg/liter. This will be performed in accordance with ASTM D2276-78 Method A which provides an accurate test method for indication of fuel oil impurity. This new requirement will help to enhance diesel generator operability, and is identical to the current Unit 2 TS. We find this change acceptable.

3.0 ENVIRONMENTAL CONSIDERATION

This amendment changes surveillance requirements. We have determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. We have previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

4.0 CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: January 4, 1990

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