

Ref. LCR 80-17

U.S. NUCLEAR REGULATORY COMMISSION  
DOCKET NO. 50-272

PUBLIC SERVICE ELECTRIC AND GAS COMPANY  
FACILITY OPERATING LICENSE NO. DPR-70  
NO. 1 UNIT  
SALEM GENERATING STATION

Public Service Electric and Gas Company hereby submits proposed changes to Facility Operating License No. DPR-70 for Salem Generating Station, Unit No. 1. This change request relates to Safety Technical Specifications (Appendix A) of the Operating License, and pertains to changes in the limits on a Containment Spray Additive tank surveillance flow test.

Respectfully submitted,  
PUBLIC SERVICE ELECTRIC AND GAS COMPANY

By: Frederick W. Schneider  
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PROPOSED CHANGE  
SALEM UNIT 1  
TECHNICAL SPECIFICATIONS

DESCRIPTION OF CHANGE

The flow rate of Sodium Hydroxide (NaOH) solution from the Spray Additive Tank, as set forth in Unit 1 Technical Specifications Surveillance Requirement 4.6.2.2.d, should be changed from "... flow rate of  $7.3 \pm 0.7$  gpm ..." to read "...flow rate of  $12.0 \pm 3.0$  gpm..."

REASON FOR CHANGE

Documentation from the original base line test performed to determine the existing Technical Specification requirement is not sufficient to precisely duplicate the test results. The proposed requirement has been recently developed by additional site testing with full documentation. This recent testing is believed to be a more valid test and can be readily repeated in the future.

SAFETY EVALUATION

The purpose of the test specified in Surveillance Requirement 4.6.2.2.d, a gravity flow of NaOH solution from the Spray Additive Tank through a sample line via valve 1CS61, is only to demonstrate unobstructed flow of liquid NaOH solution. Surveillance Requirement 4.6.2.1.c.2 insures that overall eductor flow is proper and the proposed increased flow limit thru 1CS61 during the gravity test will have no impact on NaOH flow during actual injection.