

October 16, 2001

MEMORANDUM TO: James W. Clifford, Chief, Section 2  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

FROM: Richard B. Ennis, Project Manager, Section 2  
Project Directorate I /RA/  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

SUBJECT: HOPE CREEK GENERATING STATION, CORRECTION TO  
SAFETY EVALUATION RELATED TO AMENDMENT NO. 134,  
(TAC NO. MB3092)

This memorandum documents the initiation of TAC No. MB3092. This TAC was taken out to perform the work involved in documenting corrections to the Hope Creek Safety Evaluation (SE) related to Amendment No. 134 which was issued on October 3, 2001. The amendment revised the Technical Specifications to permit an increase in the allowable leak rate for the Main Steam Isolation Valves (MSIVs) and to delete the MSIV Sealing System. These changes were based on the use of an alternate source term and the guidance provided in Regulatory Guide 1.183, "Alternate Radiological Source Terms for Evaluating Design Basis Accidents at Nuclear Power Reactors."

Corrections to the SE were deemed necessary based on verbal comments received from the licensee on October 4, 2001. The specific comments were as follows:

- 1) SE page 5, 1<sup>st</sup> paragraph - SE states that licensee assumed an engineered safety features (ESF) leak rate of 10 gallons per hour. The correct value is 10 gallons per minute.
- 2) SE page 5, 4<sup>th</sup> paragraph - SE states that the licensee assumed a double guillotine pipe rupture in one of the four main steamlines upstream of the inboard MSIV. This assumption is not applicable to the Hope Creek analysis.
- 3) SE page 6, 3<sup>rd</sup> paragraph - SE states that the portions of the main steam piping that the licensee credited for aerosol removal are classified as seismic Category 1 and are located within the reactor building. The piping is also located in the turbine building.

Docket No. 50-354

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