

# YANKEE ATOMIC ELECTRIC COMPANY



Rowe, Massachusetts 01367

September 3, 1982

Mr. R. C. Haynes, Director  
U. S. Nuclear Regulatory Agency  
Office of Inspection and Enforcement  
Region I  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Mr. Haynes:

In accordance with Technical Specifications, Section 6.9.4.a(8) the following is reported as LER 50-29/82-28 01 T.

An error in the assumptions used in the Core 15 accident analyses could have permitted operation in a manner less conservative than originally assumed. The error was in the value used for the moderator defect after a main steam line break and a resultant primary plant cooldown. This problem occurs only in Mode 3 at end of cycle during a plant cooldown with the ECCS locked out.

A more detailed report will follow within two weeks.

Very truly yours,

*Herbert A. Autio*  
Herbert A. Autio  
Plant Superintendent

HAA  
/meg

- cc: [2] Director, Office of Management Information & Program Control (USNRC)
- [1] Manager of Operations, (YAEC)
- [1] NSARC Chairman (YAEC)
- [1] Manager of Operational Quality Assurance, (YAEC)
- [1] Institute of Nuclear Power Operations (INPO)