

MICHIGAN STATE UNIVERSITY

OFFICE OF ASSOCIATE DEAN FOR  
GRADUATE STUDIES AND RESEARCH  
COLLEGE OF ENGINEERING

EAST LANSING • MICHIGAN • 48824-1226

February 6, 1986

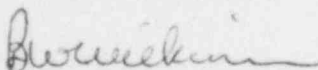
Director of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Docket No. 50-294

Pursuant to 10CFR50.59 the following is submitted:

1. During the period of January 1, 1985 to December 31, 1985, the following experiments were performed.
  - a. 29 central thimble irradiations.
  - b. 355 rotary specimen rack irradiations
  - c. 4 pulse operations
  - d. total reactor operation of 39325.32 kilowatt hours
2.  $^{41}\text{Ar}$  release during the period totaled 25.4 mCi or an average release of  $2.19 \times 10^{-9} \mu\text{Ci/cc}$  (5.5 MPC).
3. There have been no apparent changes in the tank bottom.
4. During the period there were 7 unscheduled scrams.
  - a. 3 scrams due to linear recorder
  - b. 2 linear recorder scrams due to operator error
  - c. 2 scrams due to the period meter
5. During 1985 there was one student in training for an operator's license. He was licensed in July of 1985 as a Senior Operator.

Sincerely yours,



Bruce W. Wilkinson  
Reactor Supervisor

BWW:kk

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