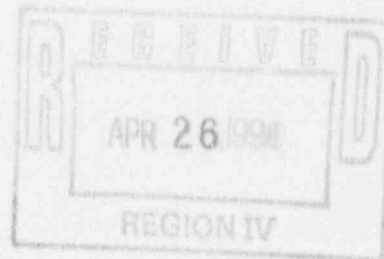


Department of Nuclear Engineering

Ward Hall
Manhattan, Kansas 66506-2503
913-532-5624



21 April 1994

U.S. Nuclear Regulatory Commission
ATTN: Mr. L.J. Callan
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011

Re: License R-88, Docket 50-188

This is to report a failure of the intrusion alarm system for the Kansas State University TRIGA MkII Nuclear Reactor Facility.

At 1620 hours on 20 April 1994 a routine monthly test of the intrusion alarm system was conducted. The previous test had been on 17 March 1994. Activation of the alarm system at the Reactor Facility failed to sound an alarm at the University Police Department. The failure was quickly diagnosed as being due to the failure of an electrical relay in the alarm unit at the Police Department. The relay was replaced, the unit was returned to service, and a functional performance test was conducted by 1700 hours.

Pending permanent changes in test procedures, now under consideration, we will perform weekly electrical functional performance tests of the alarm system, at least through June, 1994. However, for the weekly tests, we will not require the Police Department to dispatch officers to the Reactor Facility.

Sincerely,

Richard E. Faw, Director
KSU Nuclear Reactor Facility

cc: Reactor Supervisor
Chm., Reactor Safeguards Committee

Exempt from public disclosure pursuant to 10CFR2.790d.

94-0853

IK-01/0