



University of Lowell

One University Avenue

Lowell, Massachusetts 01854

(508) 452-5000

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Docket No. 50-223
Reactor R-125

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC. 20555

Gentlemen,

The University of Lowell Reactor wishes to submit the following changes to our Reactor License (R-125) Technical Specifications. These changes are as follows:

1. Change the description of 3.3, Reactor Safety System, page IV-18 concerning the function of the Reactor Period from:

"Automatic reactor scram with <3 sec period, & Reg Rod prohibit <15 sec period" to:

"Automatic reactor scram with <3 sec period, & control blade inhibit with < 15 sec period."

The Regulating Rod has never had any automatic safety features and, in fact, is not considered part of the safety system. This is a description error missed when we rewrote our license in 1984. This automatic withdrawal inhibit has always been a function of the control blades, which are part of the Reactor Safety System.

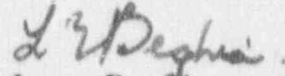
2. Remove the "Pool Water Level" from the list of measuring channels required in section 3.2 Reactor Instrumentation, page IV-17. The pool water level channel is a float operated device which causes a reactor scram when the pool is below a certain level. Since it is required by Section 3.3 Reactor Safety System, page IV-19, and because it is not a measuring channel, it should be removed from this section.

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These changes have been reviewed by the University of Lowell Reactor Safety Subcommittee and they have determined that these changes do not constitute a reduction in reactor safety and actually revert to the original intent of these systems.

Sincerely yours,



Dr. Leon Beghian,
Assoc. Vice President
for Research