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May 1, 1984

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Dresden Station Unit 3
Additional Information Concerning
a Proposed Technical Specification
Amendment, Bypass Line Around M.O.
3-1201-1 in the Reactor Water Cleanup
(RWCU) System
NRC Docket No. 50-249

Reference (a): B. Rybak letter to H. R. Denton
dated January 13, 1984.

Dear Mr. Denton:

Upon reviewing the subject proposed Technical Specification Amendment, your Staff requested additional details. As noted in the referenced letter, the proposed change is to revise Table 3.7.1 which lists the primary containment isolation valves. The change would increase the number of inboard isolation valves on the Reactor Water Cleanup (RWCU) System from 1 to 2. This request results from an addition of a small diameter (2 inch) bypass line around the eight (8) inch inboard isolation valve 1201-1. The bypass line contains a motor-operated valve which is required to have a containment isolation function and therefore must be added to Table 3.7.1.

The bypass line around inboard containment isolation valve M.O. 3-1201-1 in the RWCU system of Unit 3 is being installed to alleviate RWCU system transients that have occurred in the past. This transient is a water hammer that can occur between the inboard isolation valve and the primary containment penetration. The transient is a result of the opening of the inboard isolation valve (M.O. 3-1201-1) when the reactor is pressurized and the RWCU System at a lower pressure.

The bypass line has a 2-inch globe valve which will be opened to pressurize the RWCU system to the pressure control valve PCV-1217 prior to the RWCU system startup. Once the RWCU system has been pressurized, inboard isolation valve (M.O. 3-1201-1) can be opened without inducing significant loads on the piping and supports. The bypass valve (M.O. 2(3)-1201-1A) will then be closed for normal RWCU system operation. The bypass valve will isolate on a Group III isolation and will normally be closed except during RWCU system startup with the reactor plant at pressure.

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Please direct any questions you may have concerning this matter to this office.

One signed original and forty (40) copies of this letter is provided for your use.

Very truly yours,

B. Rybak

B. Rybak
Nuclear Licensing Administrator

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cc: Region III Inspector - Dresden
R. Gilbert - NRR
G. Wright - State of Ill.

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