

**Nebraska Public Power District**

September 7, 1979

POOR ORIGINAL

Mr. Karl V. Seyfrit, Director
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region IV
611 Ryan Plaza
Suite 1000
Arlington, Texas 76011

Subject: IE Bulletin No. 79-18
Audibility Problems Encountered on Evacuation of
Personnel from High Noise Areas

Dear Mr. Seyfrit:

This letter is written in response to your letter dated August 6, 1979 transmitting the subject bulletin.

The Cooper Nuclear Station evacuation alarm consists of a distinct pulsed-tone generator signal sounded through the normal plant intercom system. As a result, audibility of the speaker part of the system is continually checked on a routine basis including the checking around standby equipment during surveillance tests. The pulsed-tone generator is also checked on a scheduled basis.

A special test was conducted on August 29, 1979 for audibility determination. The test consisted of sounding the alarm for a 30 minute period while designated personnel covered assigned areas to determine audibility. Several areas required speaker volume adjustment to improve audibility.

As a backup measure to the evacuation alarm, our emergency plan calls for personnel accountability. The in-place key card system for security purposes provides a means of quickly checking the personnel on site by requesting a printout from the security computer. A check of any personnel not cleared out thru the area exit turnstile can be readily made. The security computer also has a record of any person in a vital area. Thus, the computer has a record of those personnel that are in the reactor building which is the area most probable of high radiation and evacuation.

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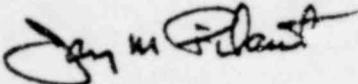
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We consider that our existing system is adequate and have completed all planned action items.

If you have any questions regarding this response, please contact us.

Sincerely,



J. M. Pilant
Director of Licensing
and Quality Assurance

JMP:LCL:cg

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