



Duquesne Light

Nuclear Division
P.O. Box 4
Shippingport, PA 15077-0004

Telephone (412) 456-6000

May 28, 1982

United States Nuclear Regulatory Commission
Division of Emergency Preparedness & Operational Support
Attn: Mr. George H. Smith, Director
631 Park Avenue
King of Prussia, PA 19406

Reference: Beaver Valley Power Station, Unit No. 1
Docket No. 50-334. License DPR-66
Emergency Public Warning System

Gentlemen:

Title 10, Code of Federal Regulations, Part 50-54(s) (2) and Section IV, D.3 of Appendix E requires the licensee to demonstrate that administrative and physical means have been established for alerting the public in the event of an emergency at the Beaver Valley Power Station. The rule also provided 120 days for correction of deficiencies identified during the initial installation and testing phase. Our letter of March 10, 1982 identified unsatisfactory results discovered during our initial testing performed in February which required a certain number of sirens to be repaired/replaced. In reply to your letter of May 12, 1982, requiring the previously identified deficiencies to be corrected prior to June 1, 1982, all 108 sirens throughout the 10 mile EPZ of Beaver Valley are operable and capable of performing the alerting function in the event of an emergency. Sirens which failed during initial testing have been repaired or replaced as necessary and have been retested.

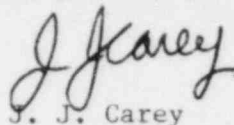
All sirens perform acceptably for the three (3) minute "ALERT" signal, however, we have experienced problems when testing the "ATTACK" signal (See Attachment I). The attack signal consists of a continuous start stop action; i.e., six (6) seconds on and five (5) seconds off, over a three minute period. The "ATTACK" signal imposes a severe duty on the siren motor, and as a result, some motors have exhibited overheating problems. For this reason, the "ATTACK" signal has been temporarily disconnected from the siren control/activation feature pending further investigation and resolution of the problem. Since the ATTACK signal is intended for Civil Defense purposes, disconnecting this function does not impair the ability of the siren system from properly performing its alerting function in the event of a nuclear facility-type emergency.

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In conclusion, we consider all sirens operable and capable of providing the alerting function in the event of an emergency. Therefore, we consider this matter closed.

If there are any further questions, please call my office.

Very truly yours,

A handwritten signature in dark ink, appearing to read "J. J. Carey". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

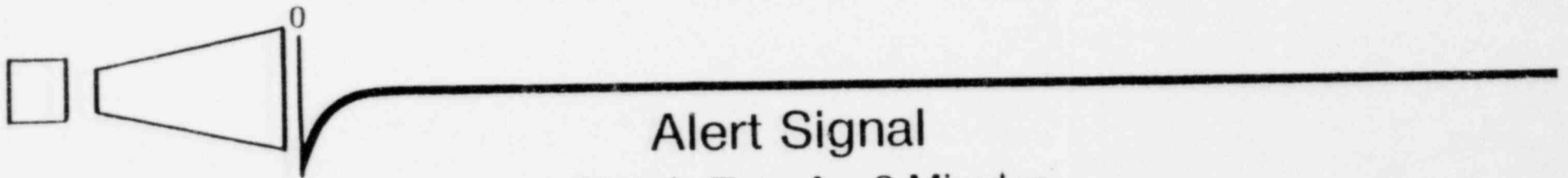
J. J. Carey
Vice President, Nuclear

Attachment

cc: D. A. Beckman, Resident Inspector
U. S. Nuclear Regulatory Commission
Beaver Valley Power Station
Shippingport, PA 15077

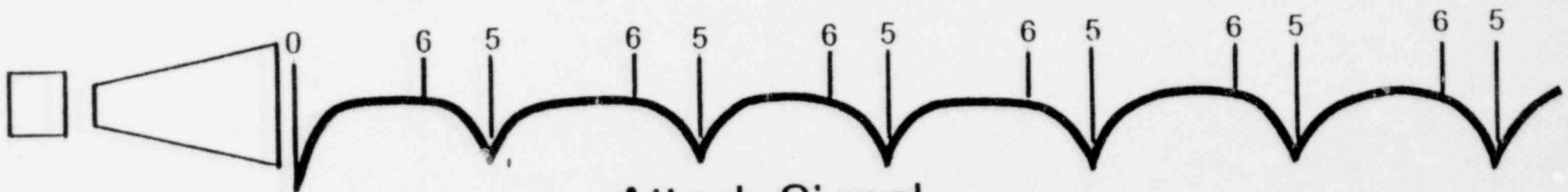
U. S. Nuclear Regulatory Commission
c/o Document Management Branch
Washington, DC 20555

THREE SIGNAL WAIL



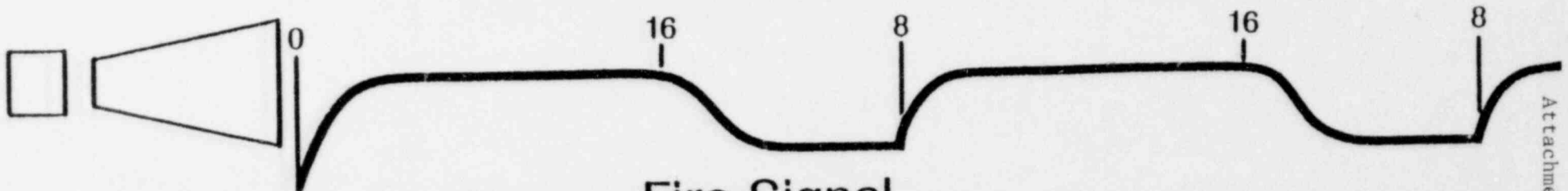
Alert Signal

A Steady Tone for 3 Minutes



Attack Signal

A Wavering Tone On for 6 Seconds and Off for 5 Seconds Repeated for 3 Minutes



Fire Signal

A Wavering Tone On for 16 Seconds and Off for 8 Seconds Repeated for 1.5 Minutes