

June 25, 1981

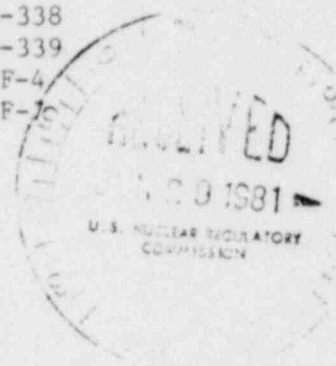
Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
Attn: Mr. Robert A. Clark, Chief  
Operating Reactors Branch No. 3  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Serial No. 392  
SP/EMT:bdw

Docket Nos. 50-338  
50-339  
License Nos. NPF-4  
NPF-7

Dear Mr. Denton:

EARLY WARNING SYSTEM ACTIVATION  
AT NORTH ANNA POWER STATION



Pursuant to NUREG 0654, Rev. 1, Appendix 3-B-2, this letter is to inform you of the status of the Early Warning System at our North Anna Power Station. This correspondence should be referenced to our letter to you on June 3, 1981, Serial No. 319.

The installation of sirens in the 0 to 5 mile Emergency Planning Zone (EPZ) surrounding the station is essentially complete and they are now being tested. We do not anticipate any difficulties in meeting the July 1, 1981 in service date for this portion of the Early Warning System.

The installation of sirens in the 5 to 10 mile EPZ is progressing satisfactorily; they are being installed as the vendor delivers the equipment. Because the sirens in the 5 to 10 mile EPZ will not be complete by July 1, 1981, Vepco requested the State Office of Emergency and Energy Services to coordinate the issuance of a special interim procedure. As an alternate means to meet the requirements of NUREG 0654, this interim procedure gives direction for the alerting of residents in the affected portions of the 5 to 10 mile EPZ. The procedure is attached and should be referenced to the local county Radiological Emergency Response Plans, Appendix 4, paragraph IIIA.

The special interim procedure will remain in effect until October 31, 1981 or until activation of the entire Early Warning System at some earlier date. In addition, a special brochure has been written and sent to all residents in the 0 to 10 mile EPZ to accomplish the following:

- A. Informing the residents of the status of The Early Warning System.
- B. Informing the residents of the special interim procedure for those residents in the 5 to 10 mile EPZ
- C. Informing the residents of the testing activities that will be undertaken between now and October 31, 1981.

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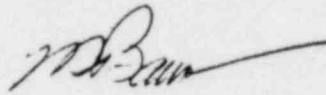
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A copy of this brochure is attached for your review.

Upon completion of the entire Early Warning System, an integrated test will be scheduled by the State Office of Emergency and Energy Services coordinated with the Federal Emergency Management Agency.

If you have any comments or questions concerning these matters, please contact Mr. P. R. Beament at (804) 771-4411.

Very truly yours,



E. A. Baum  
Executive Manager  
Quality Assurance

cc: Region II  
Mr. Kim Anderson, State OEES

## NORTH ANNA AND SURRY POWER STATIONS SIREN ALERTING SYSTEM

The siren system is designed to alert the public to tune to their local radio and television Emergency Broadcasting Stations (EBS) for further information. The alerting signal will be a steady sound, produced by the siren, lasting for three minutes.

From June 29 through July 3, 1981, Virginia Electric and Power Company will be conducting individual audible siren tests for those sirens in the zero- to five-mile radius surrounding the North Anna and Surry Power Stations. The test will last ten to 20 seconds for each siren. Because of the limited time required for the test, you may or may not hear the siren; if you do hear the siren being tested, please disregard the momentary inconvenience.

During October, Virginia Electric and Power Company will conduct individual audible siren tests for those sirens in the five-to ten-mile area surrounding the nuclear power stations. Once again, the test will last ten to 20 seconds for each siren. Also, because of the limited time required for the test, you may or may not hear the audible test. If you do hear the siren being tested again, please disregard the momentary inconvenience.

On Nov. 1, 1981, the entire Siren Alerting System within the zero- to ten-mile zone surrounding the nuclear power stations will become operational. Again, this system is to alert the public to the fact that they should tune to their local Emergency Broadcasting Stations (television and radio) for further information.

After July 1, 1981, the three-minute alerting signal will be the method of alerting residents in the zero- to five-mile zone surrounding the North Anna and Surry Power Stations. For those residents in the five- to ten-mile zone not yet covered by a siren alerting system, the State Office of Emergency and Energy Services, in coordination with local county and city emergency coordinators, have issued special instructions. These instructions provide for the alerting of residents in the affected areas of the five- to ten-mile zone by county and state personnel using mobile alerting devices or direct contact.

Periodic testing of the siren alerting system is required by law. The tests required are:

1. A "silent" test every two weeks.
2. A "growl" test quarterly. (A brief siren blast may be audible.)
3. A complete system test annually.

Only the annual test requires audible sound activation. The activation will last three minutes. Notification of the test will be given to residents in the ten-mile zone surrounding the power station prior to its performance.

If you need further information, please contact your local Coordinator of Emergency Services.

POOR ORIGINAL

June 8, 1981

MEMORANDUM

TO: Coordinators of Emergency Services (North Anna Nuclear Power Station Area)

FROM: Henry G. Allard, Plans Division

SUBJECT: Siren System

Enclosed (Enclosure 1) is a fact sheet providing information about the public siren warning system being installed by VEPCO. The system is designed to meet the requirements of Appendix 3, NUREG-0654/FEMA-REP-1, Revision 1. The siren system should be installed and operational out to five miles from the Power Station by July 1, 1981. Sirens are programmed to be installed to provide warning to the public out to ten miles by November 1, 1981. The siren system, when operational, will provide the primary and most rapid means for alerting and notifying response organizations and the population. The warning systems in paragraph III.A., Appendix 4 to the local RERP will continue to be employed during the period July 1 to October 31, 1981 to warn the public between five miles and ten miles pending installation of the sirens out to ten miles. Also, they will be used as backup or in a supplementary manner in the event of siren failure.

Forty-four sirens are being installed out to ten miles of the North Anna Power Station. Easement agreements have been obtained from all but two of the owners of property where the sirens will be installed. See Enclosure 2 for the location of the sirens being installed.

As soon as a firm date is established for activation of the siren system out to five miles of the NAPS (on or about July 1, 1981), a flyer will be mailed to all resident residing within this area to advise them of the new siren warning system. The flyer will

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include information about the siren signal for a radiological accident (steady signal of three minutes) at the NAPS as well as their response on hearing this siren signal (immediately tune in to their local EBS radio or TV station for instructions).

If you have any questions regarding the siren system currently being installed by VEPCO, call me at (804) 323-2846.

HGA/jgl

Enclosures

cc: Norman S. McTague  
Charles C. Sawtelle, Jr.