



Federal Emergency Management Agency

Region V 300 South Wacker, 24th Floor, Chicago, IL 60606 (312) 353-1500

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1 APR 1983

Mr. James G. Keppler
Regional Administrator
Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

This is in reply to your letter of December 13, 1982, regarding potential inadequacies for notification of the public using the Michigan Warren Dunes State Park, in event of a nuclear emergency at the D. C. Cook Nuclear Plant.

Your inquiry was forwarded to the Emergency Management Division, Michigan Department of State Police, which is the lead agency in Michigan for nuclear power plant off-site emergency planning.

We have been informed that Lt. Tyler, Michigan Emergency Management Division, on January 28, 1983, met with Mr. Southwood, Manager of Warren Dunes State Park, and Mr. Begor of Indiana and Michigan Electric Company. At that meeting, Mr. Begor proposed installation of eight public address speakers with sound capability of 115 decibels to be mounted on one pole at Concession #1. In addition, Indiana and Michigan Electric would purchase and install a mobile public address system in park vehicle 13-957. Once installed and operational, ownership of these systems would be turned over to Warren Dunes Park and required maintenance would be at park expense.

The State indicates this system was agreed upon by Mr. Southwood with final approval for ownership and maintenance agreements to come from his supervisor. A timetable for a completed system has not been reached, however, it is anticipated to be before the park season.

Enclosed is a drawing of the proposed installation site and coverage area. Each center line represents 3,000 feet. This system is to produce sound that would be 115 decibels at the source and 70 decibels at the outer fringe area of the drawing. Ambient background is 58 decibels without persons on the beach.

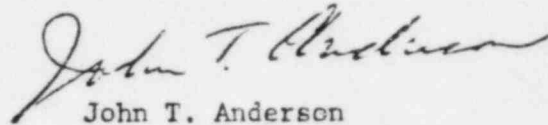
Based on review of the enclosed drawing and the map submitted by Mr. Southwood with his letter of October 29, 1982, the proposed system would be adequate to warn all individuals along the beachfront and

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others within one-half mile radius of the sirens. It is noted the park presently has one mobile PA system (in vehicle 16-669) which will be used to alert persons in the campground. The second mobile PA system (in vehicle 13-957) is to be used to alert persons in the picnic areas outside the distance of the centrally mounted sirens. Each vehicle would serve as back-up to the other during maintenance, although this would contribute toward longer notification times.

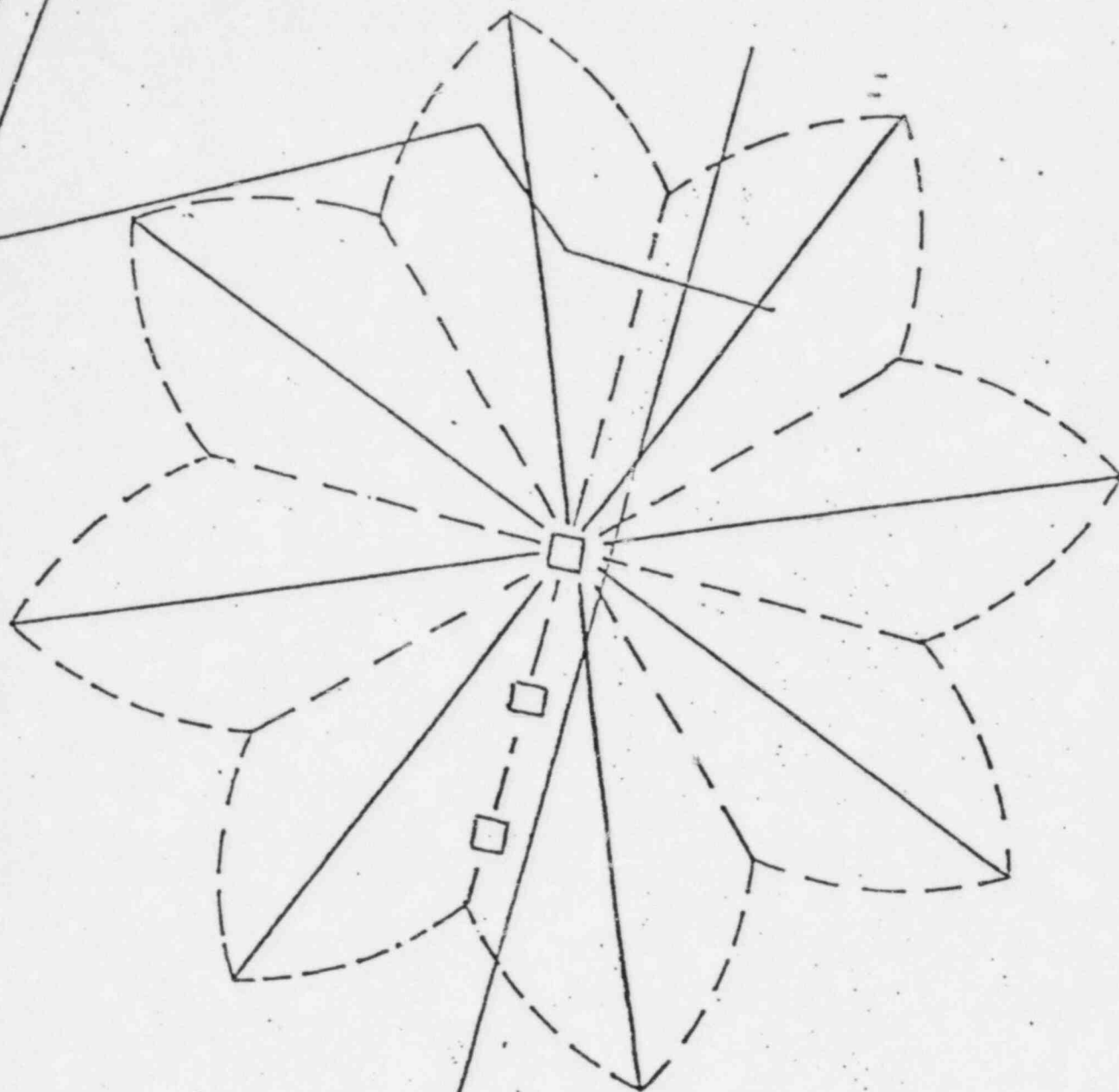
We believe the proposed system will be adequate to warn essentially 100 percent of the people within the Warren Dunes Park area.

Sincerely,



John T. Anderson

Enclosure



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