Docket No. 50-293

Boston Edison Company ATTN: Ralph G. Bird

Senior Vice President - Nuclear

800 Boylston Street

Boston, Massachusetts 02199

Gentlemen:

Subject: Request for a Cost Estimate from Boston Edison Company (BE) for the Installation of Additional Circuitry at the Pilgrim Power Plant EOF and Permission to Use Site and Company Property for Contingency Telecommunications

In the event of an emergency at a nuclear station, the NRC would request the Boise Interagency Fire Center (BIFC) to be dispatched to the site with radio equipment for promptly establishing an off-site communications network between the Emergency Operations Facility and the Federal off-site monitoring team. To accomplish this goal, the NRC had a communications survey conducted by BIFC for each site nationwide. This survey identified the requirements for emergency radio-communication and any pre-installed equipment that would be necessary. The communications survey was conducted at the Pilgrim Power Plant facilities by an NRC contractor representative on approximately June 25, 1987.

Based on this survey, NRC Region I is now initiating arrangements for the installation of contingency emergency telecommunications equipment at the Pilgrim facilities. We are seeking your cooperation and assistance in establishing this capability. Your assistance is requested to obtain (1) a cost estimate for the installation of additional telephone circuits in the Emergency Operations Facility (EOF), and (2) permission for the NRC to install temporary antennas during emergencies, or as described below. The circuits and antenna locations are essential elements of our emergency telecommunications plan for Pilgrim. It should be noted that communications equipment, other than the additional telephone circuits necessary to support them will only be installed at the communications sites in the event of an actual emergency or NRC participation drill and will be removed immediately at the termination of the emergency or drill.

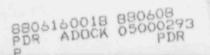
We are seeking a BE cost estimate for labor and material to permanently establish three twin-lead d-c audio circuits from the NRC area in the EOF to the outside, rear of the EOF. The circuits should be terminated at both ends with WE-724 connectors and should be marked for "NRC Emergency Use Only." The outside terminations should be housed in a weather proof container to protect them from the elements. These lines will allow installation of the base station equipment required to establish communications from the EOF to the NRC repeater system. The WE-724 connectors will be supplied by the NRC.

We are also seeking BE long term permission for the following, if it should become necessary, reserve for NRC use, the area between the 172 foot and the

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187 foot levels of the Radio Tower located at Pine Hills as an emergency repeater site.

If you agree to our request please indicate in your reply if the wiring installation for the EOF will be performed by BE and if not, please provide a listing of preference for sub-contractors. Following receipt of your estimate, NRC, Region I will issue the necessary purchase order. Work should not commence prior to receipt of the purchase order.

If you have any questions regarding the above, please feel free to contact Thomas E. Tuccinardi (215) 337-5390 of my staff.

Enclosed for your information are to frequencies that the NRC equipment may use at the Pilgrim site. We appreciate your assistance in this matter.

Sincerely,

Original Signed By: Ronald R. Bellamy

Thomas T. Martin, Director Division of Radiation Safety and Safeguards

Enclosure: Transmitter Frequencies

cc w/encl:

K. Perkins, AEOD

S. Cohen, TB

D. Herman, Boise Interagency Fire Center 3905 Visto Ave., Boise Idaho 83705 Public Document Room (PDR) Local Public Document Room (LPDR) Nuclear Safety Information Center (NSIC) NRC Senior Resident Inspector Roger Silva, Emergency Preparedness Coordinator

bcc

Region I Docket Room (with concurrences)

RI:DRSS Tuccynardi/kl

RI - RSS Fox 11/ (0 /87 RI: DRSS Lazarus

RI:DRSS Bellamy

my.

RI:DRSS Martin

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## ENCLOSURE

The frequencies that the NRC equipment may use at each site are as follows:

EOF

Transmit

166.6125

169.750 166.725

Radio Tower

Transmit	Receive
168.400 167.100	166.5125 169.750
169.350	166.725

All power levels will be at 6 watts or less.