

**NORTHEAST UTILITIES**



THE CONNECTICUT ELECTRIC AND THERMAL COMPANY  
THE HARTFORD ELECTRIC AND GAS COMPANY  
WESTON MANUFACTURING ELECTRICITY COMPANY  
THE WINDSOR POWER CORPORATION  
NORTHEAST CONNECTICUT SERVICE COMPANY  
PLANT AND SERVICE COMPANY

TERA

P.O. BOX 270  
HARTFORD, CONNECTICUT 06101  
(203) 666-6911

March 31, 1980

Docket Nos. 50-213  
50-245  
50-336  
50-423

Mr. Brian K. Grimes, Director  
Emergency Preparations Task Group  
Office of Nuclear Reactor Regulation  
U. S. NRC  
Washington, DC 20555

- References:
- (1) B. Grimes to all Power Reactor Licenses, 11/29/79
  - (2) B. Grimes to all Applicants for Construction Permits and plants under construction, 2/26/79
  - (3) Letter from W. G. Council to B. Grimes, 1/25/80

Gentlemen:

Haddam Neck Plant  
Millstone Nuclear Power Station 1, 2 and 3  
Evacuation Time Estimates

In References (1) and (2), the staff requested that NNECO and CYAPCO estimate the period of time necessary to evacuate the people within the areas encompassed by the two, five and ten mile radii of the Haddam Neck Nuclear Power Plant and Millstone Nuclear Power Station Site. This information was to be submitted on or before 1/31/80. Reference (3) requested an extension of the due date, based on certain complications in data acquisition and interfacing with state and local agencies. Verbal communications with NRC staff personnel resulted in the authorization of additional time for NNECO and CYAPCO to complete the compilation of this response.

Accordingly, enclosed are the public notification and evacuation time estimates for the Haddam Neck Plant and Millstone Nuclear Power Station.

Conservative methods were used in estimating these notification and evacuation times. For example, television and commercial radio were not considered as a means of notifying the public. Also, the study used adverse weather conditions and worse case assumptions. Use of more realistic parameters could potentially reduce these time estimates.

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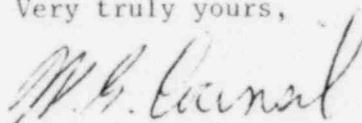
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Input to and a brief review of this evacuation study was solicited and received from the Connecticut State Office of Civil Preparedness, the Connecticut State Police, the Connecticut State Department of Transportation and certain selected towns.

The Connecticut Radiological Emergency Response Plan will be expanded to include all the towns within ten miles of each site. No doubt, this detailed planning will result in significant changes to the conclusions of this study.

We trust this information satisfactorily responds to the Reference (1) and (2) requests.

Very truly yours,

A handwritten signature in cursive script, appearing to read "W. G. Council".

W. G. Council  
Vice President

Enclosure