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April 21, 1983

Docket No. 50-213  
LS05-83-04-056

William A. Brutsch, Director and  
Chief Engineer  
Water Division  
Metropolitan District Commission  
20 Somerset Street  
Boston, Massachusetts 02108

Dear Mr. Brutsch:

SUBJECT: QUABBIN RESERVOIR FLOODING ANALYSIS

The Nuclear Regulatory Commission staff is evaluating the effects at the Haddam Neck Nuclear Power Plant of the potential for and resulting consequences of flooding due to a postulated dam failure at Quabbin Reservoir. To make this evaluation, our staff needs information on the volume-stage (evaluation) and surface area-stage (evaluation) relations for Quabbin Reservoir. We understand that you have this information as public information and request copies in both tabular and/or graphical form as available.

As our analysis develops, we would appreciate a briefing from your staff about the flooding evaluation, as you proposed in your letter of December 10, 1982.

If you have any questions, please contact Dr. Donald L. Chery Jr., our staff member supervising this evaluation, at (301) 492-4768.

Thank you for your assistance.

Sincerely,

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Original signed by/

Dennis M. Crutchfield, Chief  
Operating Reactors Branch #5  
Division of Licensing  
Office of Nuclear Reactor Regulation

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SURNAME	DChery:dk	CGrimes	WRussell	PERickson	DCrutchfield	Fraglia
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