



Public Service of New Hampshire

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March 29, 1983  
SBN-496  
T.F. Q2.2.2

United States Nuclear Regulatory Commission  
Region I  
631 Park Avenue  
King of Prussia, PA 19406

Attention: Mr. Richard W. Starostecki, Director  
Division of Project and Resident Programs

References: (a) Construction Permit CPPR-135 and CPPR-136, Docket  
Nos. 50-443 and 50-444  
(b) Telecon of March 1, 1983, A. L. Legendre (YAEC) to  
Richard W. Starostecki (NRC Region I)  
(c) Telecon of March 3, 1983, A. L. Legendre (YAEC) to  
Ed Greenman (NRC Region I)

Subject: Interim 10CFR50.55(e) Report; Cooling Tower Wall/Concrete Beam  
Transverse Shear Stress

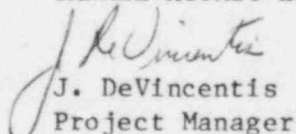
Dear Sir:

On March 1 and 3, 1983, we reported a reportable 10CFR50.55(e) item  
[References (b) & (c)] regarding the structural design deficiency effecting  
certain concrete walls and concrete beams in the cooling tower.

The additional strengthening required to eliminate the overstress due to  
transverse shear in the cooling tower walls and concrete beams is currently  
under evaluation. We plan to report the results of the evaluation by July 15,  
1983. Additionally, a review of transverse shear stress in exterior walls of  
all Seismic Category I structures is being performed and the results of this  
evaluation is also scheduled to be reported by July 15, 1983. This letter is  
being filed pursuant to the interim reporting provisions of 10CFR50.55(e)(3).

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY

  
J. DeVincentis  
Project Manager

MHO/fsf

cc: Atomic Safety and Licensing Board Service List

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