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Docket Nos.: 50-443
and 50-444

Mr. William C. Tallman
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ACRS (16)

Dear Mr. Tallman:

Subject: Request for Additional Information

The NRC staff has determined that additional information is required for the review of the Seabrook OL application. Enclosed is RAI 240.42 from the Hydrologic and Geotechnical Engineering Branch.

Your response should be received by the NRC staff not later than January 10, 1983. Questions regarding this request should be directed to the Seabrook Project Manager, Mr. L. Wheeler, 301/492-7792.

Sincerely,

Original signed by

George W. Knighton, Chief
Licensing Branch No. 3
Division of Licensing

Enclosure:
Request for Additional
Information

cc w/encl:
See next page

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OFFICE	DL:LB#3	DL:LB#3					
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DATE	12/28/82	12/28/82					

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Request for Additional Information
Hydrologic Engineering Section
Docket Nos. 50-443 and 444

240.42
(9.2.5)

The discussion in Section 9.2.5 of the performance of the Ultimate Heat Sink cooling tower is not sufficiently documented.

- a. Please provide for staff review documentation of your evaluation, including calculations performed, to demonstrate the ability of the cooling tower to provide water at or below 90°F for the design basis conditions of heat load and meteorology. Include specific references for data or information you used in your calculations.
- b. Provide the following information necessary for the staff to perform an independent evaluation of the cooling tower performance for the design basis conditions:
 - i. details on the type of tower fill and spacing
 - ii. manufacturer's performance curves
 - iii. rated average flow rate
 - iv. fan speed
 - v. type of fan