



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

MAR 19 1984

MEMORANDUM FOR: J. Nelson Grace, Director
Division of Quality Assurance, Safeguards &
Inspection Programs, IE

FROM: Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation

SUBJECT: SEABROOK STATION UNIT 1, DRAFT INTEGRATED DESIGN INSPECTION
REPORT COMMENTS

As requested by a memorandum from J. Nelson Grace to Darrell G. Eisenhut dated March 9, 1984, the Instrumentation and Control Systems Branch (ICSB) has performed a cursory review of Chapter 6 of the Draft Seabrook Integrated Design Inspection (IDI) Report and concludes that this chapter of the IDI report can be issued as presently written. Due to time constraints and present staff commitments, we are unable to pursue the resolution of the various concerns discussed in Chapter 6 of the report at this time. However, all the problem areas identified in Chapter 6 will be addressed as part of the follow-up review for this plant and in the forthcoming site visit.

We have noted the concerns regarding separation criteria (including independence of control circuits) and the compliance with Regulatory Guide 1.57, Revision 3. We have also noted the concern regarding the Residual Heat Removal (RHR) System's compliance with IEEE Std. 279-1971 and 10 CFR 50, Appendix A, General Design Criteria (GDC) 20, 21, 22, 23 and 24. The ICSB is in agreement with the Office of Inspection and Enforcement's interpretation of the above standard and GDCs. However, as part of the follow-up review for this plant, ICSB along with the Reactor Systems Branch (RSB) will review the role that the RHR system has in conjunction with the Safety Injection Emergency Core Cooling System and the ensuing applicability of IEEE Std. 279 and the above GDCs to the RHR system.

Staff conclusions regarding this concern as well as for the others identified in Chapter 6 of the IDI Report will be reported in a future supplement to the Seabrook Safety Evaluation Report.

Darrell G. Eisenhut, Director
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cc: See attached sheet

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