OCT 0 9 1986

Docket Nos. 50-443; 50-444 Public Service of New Hampshire ATTN: Mr. Robert J. Harrison President and Chief Executive Officer P. O. Box 330 Manchester, New Hampshire 03105

Dear Mr. Harrison:

In our October 1, 1986 letter, we informed you of certain safety allegations which came to our attention through the Employee's Legal Project of Amesbury, Massachusetts. In our correspondence with the Legal Project, we asked their director, Sharon Tracy, to keep us informed whenever additional safety concerns came to their attention. Recently, we received a list of ten more safety concerns from the Legal Project, which are enclosed. We request that you treat these additional items in an identical manner to those we already forwarded to you on October 1.

Also in our October 1 letter, we made you aware of a meeting which occurred between Mr. Schuyler R. Mitchell of Computer Interference Elimination, NRC Region III, and Commonwealth Edison. At that meeting, Mr. Mitchell made reference to concerns at Seabrook related to the accuracy of as-built drawings. A copy of that transcript is enclosed, and the particulars contained therein should be used as additional background information in researching Mr. Mitchell's concerns. Your attention is directed to transcript Pages 163 through 198, which pertain to Seabrook.

Your cooperation with us is appreciated.

Sincerely, Original Signed By:

ollins famuel

TEO)

William F. Kane, Director Division of Reactor Projects

Enclosures: As Stated

cc w/o encls: Seabrook Hearing Service List John DeVincentis, Director, Engineering and Licensing William B. Derrickson, Senior Vice President Warren Hall, Operational Services Supervisor Donald E. Moody, Station Manager - Seabrook Station Gerald F. McDonald, Construction QA Manager The Honorable E. J. Markey, Chairman, Subcommittee on Energy and Conservation and Power (w/cy of encls) Public Document Room (PDR) (w/cy of encls) Local Public Document Room (LPDR) (w/cy of encls) Nuclear Safety Information Center (NSIC) (w/cy of encls) NRC Resident Inspector State of New Hampshire

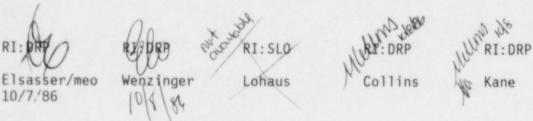
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Public Service of New Hampshire

OCT 0 9 1986

bcc w/o encls: Region I Docket Room (with concurrences) DRP Section Chief Robert J. Bores, DRSS A. Cerne, RI W. Kane, DRP S. Collins, DRP E. Wenzinger, DRP T. Elsasser, DRP

A. Shropshire, RI



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Mr. William B. Derrickson Senior Vice President Public Service Company of New Hampshire P. O. Box 700, Route 1 Seabrook, New Hampshire 03874 Senator Gordon J. Humphrey ATTN: Tom Burack U.S. Senate Washington, D.C. 20510

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## September 25, 1986

Problems in the Seabrook nuclear facility construction, additional to those listed by William Kane, NRC Director, Division of Reactor Projects, from information provided him by the Employee's Legal Project.

1.Quality assurance and quality control slipped the last few years; there was no QA or QC on third shift, and none for cement on second shift.

2. There was cheating on literacy tests; others took tests for people who were illiterate. Literacy tests were given toward the end of construction as an excuse to lay people off.

3. Paint thinner was accidently spilled on electrical cables.

4.Electrical cables along the outer walls of the containment gave off sparks starting little fires. An electrician said this was because the cables had been there too long with people walking on them, wearing them down.

5.One of the main pipes from the reactor to the turbine building did not fit so workers had to use a comealong to make the connection.

6.Security was poor. Unauthorized people regularly had access to restricted areas.

7.3000 pound cement was used at Seabrook whereas at other nuclear plants 5000 pound cement was used because 3000 pound was not thought to be strong enough.

8. The reactor itself was filthy compared to other nuclear plants under construction where a dust-free environment was maintained. At Seabrook there were wooden ladders and debris in the reactor. Compared to other nuclear plants, general practices at Seabrook were slovenly, shoddy.

9. Improper welds were performed by untrained welders. Wraparound welds were used when return welds were called for; return welds prevent the "keyhole" from breaking under stress.

10.Bottles of argon used for welding were contaminated with moisture but used anyway.