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September 10, 1992

Mr. James M. Taylor
Executive Director of Operations
Nuclear Regulatory Commission
Washington, D.C. 20555


Dear Mr. Taylor:

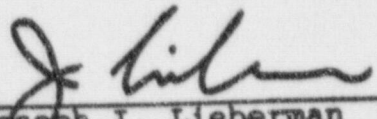
We are writing to you concerning information we have received from one of our constituents, Mary Ellen Marucci, regarding the issuance of a design change in the spent fuel pool for Millstone Unit Number 2.

We are aware from previous correspondence that the NRC staff made a determination that the proposed license amendment did not involve a Significant Hazards Consideration and issued the design change in early June. While we are also aware that Ms. Marucci's request for a hearing on this matter is before the Atomic Safety and Licensing Board Panel, we wanted to bring to your attention the attached material, in particular the memorandum from a staff member of the Connecticut Department of Health Services.

Ms. Marucci is most immediately concerned with the need for immediate installation of criticality monitors in the Millstone spent fuel pool. We would appreciate if you would review the concerns raised on this issue as expeditiously as possible and report to us in detail, in accordance with the requirements of the Administrative Procedure Act assuming such review does not conflict with on-going administrative actions.

Sincerely,


Christopher J. Dodd


Joseph I. Lieberman

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PDR FOIA
GOLDMAN97-377 PDR

9/11...To EDO to Prepare Response for EDO's Signature....Date due:
Sept 25...Cpy to: Chairman, Comrs, DSB, OCA to Ack....92-0758

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions 6
FOIA- 97-377

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STATE OF CONNECTICUT

DEPARTMENT OF HEALTH SERVICES

To: David E. Brown

From: Carolyn Jess Dupuy

Date: September 8, 1992

Subject: Correspondence from Ms. Marucci, re: SPENT REACTOR POOL SAFETY

I have reviewed the packet of information from Mary Ellen Marucci which Commissioner Addiss forwarded to us and requested that we determine whether to forward in whole or part to DEP. The packet contained:

(1) materials from the Cooperative Citizens's Monitoring Network (CCMN), dated August 14, 1992, to the Administrative Judges of the Nuclear Regulatory Commission; these materials also contained affidavits from two nuclear physics experts, Dr. Gordon Thompson and Dr. Michio Kaku;

(2) a request for a 10-day extension, from August 14 to August 24 (which was granted), with letters from Ms. Marucci to Northeast Utilities (NU) and the NU reply;

(3) attachments which represent the fission product load at t=0 and t=21 days for the reactor fuel; excerpts from the Final Safety Analysis Report of NU for Millstone II; and Benchmark Calculations by Holtec.

I recommend that we send the entire packet to DEP, as requested by Ms. Marucci.

There are important safety concerns related to the design and loading of the spent fuel assemblies in the spent fuel pool which some members of the scientific community do not feel are adequately addressed. Since the number of cores in a fully-loaded pool could approach the level in an operating reactor, and since accidents to date have involved multiple factors, it is important that the potential of criticality be seriously addressed, especially in light of a July 6, 1992 situation at the spent fuel pool, and the large number of assumptions upon which NU's analysis is based. The Conclusions and Recommendations section of Dr. Kaku's affidavit are attached, which highlight the concerns of the group and which detail certain requests to NU as well as the NRC.

The CCMN would argue that the hearing process with the NRC, which has only taken cognizance of the materials sent to us. The NRC has not had regulatory responsibility over the nuclear utility industry. The NRC, with some exceptions, has not had regulatory responsibility by the Department of Environmental Protection over the accident scenarios.

It is to be hoped that the NRC will examine the materials provided by CCMN and that NU will provide information regarded as necessary for thorough safety assessment. If at some time in the future should these concerns not be sufficiently addressed, the route to be explored is that of a request to the U.S. General Accounting Office, which reported nuclear waste matters to the Chairman of the U.S. Senate Committee on Governmental Affairs.

53161

Russell B. Addiss

Phone: 150 Washington Street - Hartford, Connecticut 06106
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7/15



STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC UTILITY CONTROL

July 18, 1992

In reply, please refer to:
KL:PHO

Ms. Mary Ellen Marucci



F44

Dear Ms. Marucci:

This is in reply to your letter to Governor Lowell P. Weicker in which you raised safety concerns regarding the Millstone Unit No. 2 spent fuel pool license amendment recently proposed by Northeast Utilities.

Matters relating to nuclear safety issues are primarily under the purview of the Nuclear Regulatory Commission ("NRC"). The United States Congress vested the NRC with the responsibility for licensing and regulating nuclear facilities and materials. The mission of the NRC is to ensure adequate protection of public health and safety, the common defense and security, and the environment in the use of nuclear materials in the United States. The NRC's scope of responsibility includes the transport, storage, and disposal of nuclear materials and waste, which encompasses your areas of concern with respect to moving and storing nuclear fuel or high-level waste as planned or underway at Millstone Unit No. 2.

The NRC considered fully the safety issues associated with the proposed Millstone Unit No. 2 license amendment, including those raised in your letter to Governor Weicker. The NRC on June 4, 1992, issued an amendment to the operating license for Millstone Unit No. 2 following a determination that the proposed modification and use of the spent fuel pool for Millstone Unit No. 2 would not endanger the health and safety of the public. While I share your concern for nuclear safety, review of this matter by the Department of Public Utility Control revealed no basis to dispute the findings of the NRC in regard to this matter. Therefore the Department believes that the activities authorized by this amendment will not be inimical to the safety and well-being of the public.

Thank you for your interest and concern in this matter.

Very truly yours,

DEPARTMENT OF PUBLIC UTILITY CONTROL

Clifton A. Leonhardt
ChairpersonCAL:PHO:gor
cc: Mrs. Percy SmithOne Central Park Plaza • New Britain, Connecticut 06051
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