

RAS-1608

Related Correspondence

DOCKETED  
APR 4, 2000

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

'00 APR -6 P7:09

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of:	)	
	)	
Northeast Nuclear Energy Company	)	Docket No. 50-423-LA-3
	)	
(Millstone Nuclear Power Station,	)	
Unit No. 3)	)	ASLBP No. 00-771-01-LA

NORTHEAST NUCLEAR ENERGY COMPANY'S RESPONSE TO  
CONNECTICUT COALITION AGAINST MILLSTONE AND LONG ISLAND  
COALITION AGAINST MILLSTONE'S FIRST SET OF INTERROGATORIES

Northeast Nuclear Energy Company ("NNECO") hereby files an initial response to the Connecticut Coalition Against Millstone ("CCAM") and the Long Island Coalition Against Millstone's ("CAM") (collectively, "Intervenors") "First Set of Interrogatories and Requests for Production" ("Intervenors' First Discovery Requests"), a facsimile of which was served on NNECO on March 21, 2000. This initial response is directed to the Intervenors' interrogatories and is filed within 14 days of service, consistent with 10 CFR § 2.740b(b). NNECO will separately respond to Intervenors' document production requests in accordance with the schedule set forth in 10 CFR § 2.741(d).

**I. GENERAL OBJECTIONS**

These general objections apply throughout NNECO's responses to Intervenors' First Discovery Requests.

A. NNECO objects to Intervenors' interrogatories to the extent that they request discovery of information or documents protected under the attorney-client privilege, the

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attorney work product doctrine, and limitations on discovery of trial preparation materials and experts' knowledge or opinions set forth in 10 CFR § 2.740 or as otherwise provided by law. *See Hickman v. Taylor*, 329 U.S. 495 (1947), and *Long Island Lighting Co.* (Shoreham Nuclear Power Station, Unit 1), LBP-82-82, 16 NRC 1144, 1162 (1982). Many of the interrogatories and document requests are overbroad and would encompass privileged material prepared or being prepared in anticipation of litigation in this proceeding.

B. NNECO objects to Intervenors' interrogatories that essentially ask NNECO to perform research beyond Millstone Unit 3 and the specific license amendment at issue, and encompassing the nuclear industry generally. These discovery requests exceed the scope of this proceeding and exceed the scope of NNECO's obligations herein. To the extent Intervenors wish to rely on industry operating experience, that information is available to the Intervenors and its consultants through public sources. While NNECO may have access to this information, NNECO is not required to prepare the Intervenor's case. Objections to specific interrogatories are noted below.

C. NNECO objects to Intervenors' interrogatories to the extent they seek discovery beyond the scope of Intervenors' three contentions, as admitted by the Atomic Safety and Licensing Board ("Licensing Board") in this proceeding. Intervenors are permitted only to obtain discovery on matters that pertain to the subject matter with which Intervenors are involved in this proceeding. 10 CFR § 2.740(b). Objections to specific interrogatories are noted below.

## II. GENERAL INTERROGATORIES

Interrogatory G – 1: Identify each person who supplied information for responding to these interrogatories and requests for the production of documents. Specifically note the interrogatories for which each such person supplied information. For requests for production, note the contention for which each such person supplied information.

NNECO's Response: The following persons have supplied information in response to the indicated interrogatories.

1. Joseph J. Parillo  
Senior Engineer  
Millstone Nuclear Power Station  
Rope Ferry Road  
Waterford, CT 06385  
Interrogatory Nos. 6 — 1, F — 3, G — 1, and I — 1.
2. Michael C. Jensen  
Supervisor, Reactor Engineering  
Millstone Nuclear Power Station  
Rope Ferry Road  
Waterford, CT 06385  
Interrogatory Nos. E — 1, E — 4, and F — 1.
3. Robert G. McDonald  
Primary Systems Chemist  
Millstone Nuclear Power Station  
Rope Ferry Road  
Waterford, CT 06385  
Interrogatory Nos. E — 2, F — 2, and J — 1.
4. David W. Dodson  
Licensing Supervisor  
Millstone Nuclear Power Station  
Rope Ferry Road  
Waterford, CT 06385  
Interrogatory Nos. 4 — 2, 5 — 2, 6 — 2, D — 1, and F — 4.

Interrogatory G — 2: For each admitted contention, identify each person whom NNECO expects to provide sworn affidavits and declarations for the written filing for the Subpart K proceeding, and each person who would testify in any subsequent evidentiary hearing. For each person identified, describe that person's professional affiliation, address, area of professional expertise, qualifications, and educational and scientific experience. Also, describe the general subject matter on which each person is expected to provide sworn affidavits or testimony in the proceeding.

NNECO's Response: NNECO has not yet determined who will provide sworn affidavits and declarations for the written filing for the Subpart K proceeding, or who will testify in any subsequent evidentiary hearing. To some degree, the identity of affiants and witnesses will depend upon Intervenors' response to NNECO's and the NRC Staff's pending discovery

requests of Intervenors. Pursuant to 10 CFR § 2.740(e), NNECO will provide this information to Intervenors as Intervenors respond to outstanding discovery requests from NNECO and the NRC Staff, and as the information becomes available.

Interrogatory G – 3: For each person identified under Interrogatory G – 2, provide a list of all publications authored by the expert within the proceeding 10 years, and a listing of any other cases in which the expert has testified as an expert at a trial or hearing, or by deposition within the preceding four years.

NNECO's Response: As discussed above in NNECO's response to Interrogatory G – 2, NNECO has not yet determined who will provide sworn affidavits and declarations for the written filing for the Subpart K proceeding, or who will testify in any subsequent evidentiary hearing. Pursuant to 10 CFR § 2.740(e), NNECO will provide this information to Intervenors as it becomes available.

### III. SPECIFIC INTERROGATORIES

A. Contention 4: "Undue and Unnecessary Risk to Worker and Public Health and Safety"

Interrogatory No. 4 – 1: Please identify any and all documents on which NNECO intends to rely in support of its position regarding Contention 4.

NNECO's Response: Interrogatory No. 4 – 1 is effectively a document production request, and as such, NNECO will respond in accordance with the schedule set forth in 10 CFR § 2.741(d). General Objection A, however, will apply. In addition, NNECO cannot fully respond to this request until the Intervenors respond to NNECO's outstanding requests for discovery from Intervenors.

Interrogatory No. 4 – 2: Please identify any and all actual events, at Millstone Station or elsewhere, on which NNECO intends to rely in support of its position regarding Contention 4.

NNECO's Response: NNECO is not aware of any events responsive to this request.

B. Contention 5: "Significant Increase in Probability of Criticality Accident"

Interrogatory No. 5 – 1: Please identify any and all documents on which NNECO intends to rely in support of its position regarding Contention 5.

NNECO's Response: Interrogatory No. 5 – 1 is effectively a document production request, and as such, NNECO will respond in accordance with the schedule set forth in 10 CFR § 2.741(d). General Objection A, however, will apply. In addition, NNECO cannot fully respond to this request until the Intervenors respond to NNECO's outstanding requests for discovery from Intervenors.

Interrogatory No. 5 – 2: Please identify any and all actual events, at Millstone Station or elsewhere, on which NNECO intends to rely in support of its position regarding Contention 5.

NNECO's Response: NNECO is not aware of any events responsive to this request. In addition, General Objection B applies.

C. Contention 6: "Proposed Criticality Control Measures Would Violate Nuclear Regulatory Commission Regulations"

Interrogatory No. 6 – 1: Please identify any and all documents or citations to documents on which NNECO intends to rely in support of its position regarding Contention 6.

NNECO's Response: The following documents have been identified by NNECO as responsive to this request:

1. Affidavit of Stanley E. Turner, Ph.D., P.E., senior vice president and chief nuclear scientist, Holtec International<sup>1</sup>
2. "Guidance on the Regulatory Requirements for Criticality Analysis of Fuel Storage at Light-Water Reactor Power Plants," U.S. Nuclear Regulatory Commission (August 1998)

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<sup>1</sup> "Exhibits Supporting the Summary of Facts, Data, and Arguments on Which Applicant Proposes to Rely at the Subpart K Oral Argument," *Carolina Power & Light Co.* (Shearon Harris Nuclear Power Plant), ASLBP No. 99-762-02-LA (filed January 4, 2000).

3. Draft Regulatory Guide 1.13, "Proposed Revision 2 to Regulatory Guide 1.13, 'Spent Fuel Storage Facility Design-basis,'" U.S. Nuclear Regulatory Commission (December 1981)
4. Final Rule, "General Design Criteria for Nuclear Power Plants," 36 Fed. Reg. 3,255 (1971)
5. Notice of Proposed Rulemaking, "General Design Criteria for Nuclear Power Plants," 32 Fed. Reg. 10,213 (1967)
6. Letter from J. Flaherty, Atomics International, to Secretary, Atomic Energy Commission (September 25, 1967)
7. Letter from William B. Cottrell, Oak Ridge National Laboratory, to H. L. Price, Atomic Energy Commission (September 6, 1967)
8. Documents related to 10 CFR § 50.68:
  - (a) Final Rule, "Criticality Accident Requirements," 63 Fed Reg. 63,130 (1998)
  - (b) Withdrawal of Direct Final Rule, "Criticality Accident Requirements," 63 Fed. Reg. 9,402 (1998)
  - (c) Proposed Rule, "Criticality Accident Requirements," 62 Fed. Reg. 63,911 (1997)
  - (d) Direct Final Rule, "Criticality Accident Requirements," 62 Fed. Reg. 63,827 (1997)
  - (e) SRM to SECY 97-155 (August 19, 1997)

- (f) SECY 97-155, "Staff's Action Regarding Exemptions from 10 CFR 70.24 for Commercial Nuclear Power Plants" (July 21, 1997)
9. NRC Correspondence:<sup>2</sup>
- (a) "Review and Acceptance of Spent Fuel Storage and Handling Applications," U.S. Nuclear Regulatory Commission (April 1978)
- (b) Note from AEC secretary (SECY-R 143), concerning amendment to General Design Criteria 62 (January 28, 1971)
- (c) Letter from Edson G. Case, Atomic Energy Commission, to Dr. Stephen H. Hanauer, Advisory Committee on Reactor Safeguards (July 23, 1969)
- (d) Note from W.B. McCool, AEC secretary, to AEC Commissioners, "Proposed Amendment to 10 CFR 50: General Design Criteria for Nuclear Power Plant Construction Permits" (June 16, 1967)
- (e) Letter from J. J. DiNunno, AEC, to Nunzio J. Palladino, Advisory Committee on Reactor Safeguards (February 8, 1967)
- (f) Letter from J. J. DiNunno, AEC, to David Okrent, Advisory Committee on Reactor Safeguards (October 25, 1966)

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<sup>2</sup> Cited NRC correspondence is available through the agency's Public Document Room in Washington, DC, and through the NRC records management system of publicly available agency information ("ADAMS").

- (g) Atomic Energy Commission press release, "AEC Seeking Public Comment on Proposed Design Criteria for Nuclear Power Plant Construction Permits" (November 22, 1965)

Interrogatory No. 6 – 2: Please identify any and all actual events, at Millstone Station or elsewhere, on which NNECO intends to rely in support of its position regarding Contention 6.

NNECO's Response: NNECO is not aware of any events responsive to this request. In addition, General Objection B applies.

D. FSAR

Interrogatory No. D – 1: Please identify the complete table of contents of the Final Safety Analysis Report (FSAR) for the Millstone Station.

NNECO's Response: Interrogatory No. D – 1 is actually a document production request that asks for a document readily obtained through the NRC records management system of publicly available agency information. Nonetheless, NNECO is providing this document to the Intervenor with this response.

E. Systems and Procedures

Interrogatory No. E – 1: Please identify the systems and procedures used at Millstone for planning, implementing and overseeing the management, movement and placement of fresh and spent fuel.

NNECO's Response: The following fuel movement and placement procedures have been identified as responsive to this request. These procedures do not encompass the general operation of the spent fuel pool itself, which is beyond the scope of the contentions admitted in this proceeding.

1. Millstone Unit 3 surveillance procedure SP 31022, "Spent Fuel Pool Criticality Requirements"



2. Millstone Unit 3 engineering procedure EN 31001, "Supplemental SNM Inventory and Control"
3. Millstone Unit 3 station procedure MC-5, "Special Nuclear Material Inventory and Control"
4. Millstone Unit 3 engineering procedure EN 31026, "New Fuel Assembly and Insert Receipt and Inspection"
5. Millstone Unit 3 engineering procedure EN 31007, "Refueling Operations"
6. Millstone Unit 3 engineering procedure EN 31013, "Spent Fuel Pool Operations"

The following systems are responsive to this request:

1. new fuel handling crane
2. new fuel receiving crane
3. spent fuel bridge crane
4. fuel transfer system
5. new fuel elevator

Interrogatory No. E - 2: Please identify the systems and procedures used at Millstone for planning, implementing and overseeing control of concentrations of soluble boron in fuel pool water.

NNECO's Response: The following procedures have been identified as responsive to this request:

1. Millstone Unit 3 surveillance procedure SP 3863, "Reactor Coolant and Reactor Vessel Refueling Cavity Analysis for Boron"
2. Millstone Unit 3 surveillance procedure SP 3866, "Spent Fuel Pool Boron Concentration"
3. Millstone Unit 3 chemistry procedure CP 3802C, "Balance of Plant Chemistry Control"
4. Millstone Unit 3 operations procedure OP 3305, "Spent Fuel Pool Cooling and Purification System"
5. Millstone Unit 3 emergency operating procedure EOP 3505A, "Loss of Spent Fuel Pool Cooling," Attachment A, "Recover from Low Spent Fuel Pool Level"
6. Millstone Unit 3 alarm response procedure OP 3353.MB1A, "Main Board 1A Annunciator Response," Alarm No. 3-4, "Fuel Pool Level Low"

Interrogatory No. E – 3: Please identify all documents pertaining to Interrogatory E – 1 and E – 2.

NNECO's Response: Documents responsive to this request are identified in the responses to Interrogatory E – 1 and E – 2.

Interrogatory No. E – 4: Please identify the names of NNECO personnel responsible for the systems and procedures, and their planning, implementing and overseeing, regarding fresh and spent fuel.

NNECO's Response: NNECO objects to providing specific names of personnel in response to this request as overly burdensome, as not relevant, and as not likely to lead to relevant information. These responsibilities are carried out by numerous personnel working together as a team, including contractors who specialize in these activities. The general responsibilities lie with organizations rather than individuals. These responsibilities are described below.

All fresh and spent fuel is handled as special nuclear material (“SNM”). When Millstone Station receives SNM, the applicable Unit maintains control over it and tracks its movement until it is shipped off site. The organization with primary responsibility for planning and implementing actual fuel movements for each Unit is the Reactor Engineering department in the Plant Engineering organization. Upon arrival of SNM on site, Reactor Engineering personnel (or designees) perform initial inspection and receipt, and Reactor Engineering assumes responsibility for controlling and maintaining material status of the SNM at all times.

Other organizations support Reactor Engineering in implementing and tracking the movement of fuel. Qualified Operations or vendor personnel under the direction of Reactor Engineering perform actual fuel movements. Health Physics personnel conduct associated radiological surveys and monitoring. Operations personnel operate the spent fuel pool. Maintenance of the required equipment and facilities is planned and performed by the Maintenance organization, or by contract under the direction of Reactor Engineering. Procedures are developed and maintained by the Procedures group of the Station Director’s organization. Analysis to support fuel management and spent fuel pool criticality control is provided by the Nuclear Fuels branch of the Nuclear Engineering department. Independent quality assurance for all these activities is provided by the Nuclear Oversight organization.

F. Errors

Interrogatory No. F – 1: Please identify all instances of errors (at Millstone or other nuclear plants) in managing, moving, placing or tracking fresh or spent fuel and all documents pertinent thereto.

NNECO’s Response: NNECO objects to Interrogatory No. F – 1 to the extent it asks to identify errors at “other nuclear plants” for the reasons explained in General Objection B.

With regard to Millstone, the following events have been identified as responsive to this request. NNECO does not concede, however, that these matters are relevant to the license amendment application at issue.

<i>DATE</i>	<i>UNIT</i>	<i>DESCRIPTION</i>
1/17/97	1	Determined that a spent fuel assembly in the spent fuel storage pool was not fully seated in the storage rack
1/14/97	1	Determined that an irradiated fuel assembly, stored in a damaged fuel container in a control rod storage rack, may have been an unanalyzed configuration
10/3/96	1	Determined that a spent fuel assembly in the spent fuel storage pool was not fully seated in the storage rack
3/6/96	1	Determined that new fuel assemblies moved over irradiated fuel assemblies in the spent fuel storage pool
11/14/95	1	A fuel assembly was placed in the spent fuel storage pool in the wrong orientation
10/12/95	2	A fuel assembly was moved to an incorrect location in the spent fuel storage pool and lowered until it came in contact with an assembly already placed in that location
4/26/95	3	While transferring fuel in the spent fuel storage pool, the crane operator inadvertently brought an assembly to the wrong location; the error was detected before the assembly was lowered
4/27/94	3	A fuel assembly was moved from one location in the spent fuel storage pool to an incorrect location and lowered until it came in contact with an assembly already placed in that location
6/12/87	1	A fuel assembly in the reactor core was found to be 90 degrees out of the proper orientation
3/18/85	2	A fuel assembly was lowered into contact with another assembly located in the fuel upender
9/18/74	1	Drop of unchanneled fuel assembly from main fuel grapple to spent fuel storage pool floor

Interrogatory No. F – 2: Please identify all instances of errors (at Millstone or other nuclear plants) in managing the concentration of soluble boron in fuel pool water and all documents pertinent thereto.

NNECO's Response: NNECO objects to Interrogatory No. F – 2 to the extent it asks to identify errors at “other nuclear plants” for the reasons explained in General Objection B.

With regard to Millstone, NNECO has identified no “errors” responsive to this request:

Interrogatory No. F – 3: Please identify all instances of errors (at Millstone or other nuclear plants) in criticality calculations and all documents pertinent thereto.

NNECO's Response: NNECO objects to Interrogatory No. F – 3 to the extent it asks to identify errors at “other nuclear plants” for the reasons explained in General Objection B.

With regard to Millstone, the following matter is responsive to the request:

1. On February 14, 1992, NNECO personnel discovered an error in the ABB-Combustion Engineering spent fuel criticality analysis at Millstone Unit 2. The error and its resolution are documented in Millstone Unit 2 Licensee Event Report (“LER”) 92-003-01.

Interrogatory No. F – 4: Please identify all instances of unplanned leakage from spent fuel pools at Millstone and all documents pertinent thereto.

NNECO's Response: NNECO is not aware of any events responsive to this request.

Interrogatory No. F – 5: Please identify all instances of unplanned deposits of debris in spent fuel pools at Millstone and all documents pertinent thereto.

NNECO's Response: NNECO objects to Interrogatory No. F – 5 as outside the scope of the contention as admitted by the Licensing Board and as neither relevant nor “reasonably calculated to lead to the discovery of admissible evidence.” See General Objection C, above. This interrogatory does not relate to control over new and spent fuel movements (Contention 4), dissolved boron concentration requirements (Contention 5), or to compliance

with General Design Criteria (“GDC 62”) (Contention 6). *See* 10 CFR § 2.740(b)(1). Moreover, the Licensing Board specifically rejected the proposed contention related to debris in the spent fuel storage pool. Prehearing Conference Order (Granting Request for Hearing) *Northeast Nuclear Energy Co.* (Millstone Nuclear Power Station, Unit 3), ASLBP No. 00-771-01-LA (February 9, 2000).

G. Probabilities and Consequences of Accidents

Interrogatory No. G – 1: Please identify all analyses related to the probabilities and consequences of potential criticality incidents and accidents in fuel pools.

NNECO’s Response: NNECO objects to Interrogatory No. G – 1 as overbroad and beyond the scope of the contentions as admitted by the Licensing Board and is therefore neither relevant nor “reasonably calculated to lead to the discovery of admissible evidence.” *See* 10 CFR § 2.740(b)(1). The only criticality analyses relevant to this proceeding are those related to the proposed license amendment at issue. These are discussed in response to Interrogatory I – 1. Moreover, to the extent this interrogatory seeks information on “other nuclear plants,” NNECO objects for the reasons stated above in General Objection B.

With regard to Millstone Unit 3 analyses of “probabilities and consequences” of criticality incidents, the only such analyses are the design basis event analyses related to the Millstone Unit 3 spent fuel pool. These are described generally in the Unit 3 Updated Final Safety Analysis Report (a public document) and, more specifically for the proposal at issue, in the March 19, 1999, Millstone Unit 3 license amendment request. The Intervenors already have a copy of this license amendment application.

H. Regulatory Requirements

Interrogatory No. H – 1: Please identify all documents related to regulatory requirements for pool storage of fuel, including requirements imposed by GDC 62.

NNECO's Response: NNECO objects to this request as beyond the scope of appropriate discovery. The Intervenor's contention is that the proposal at issue does not conform with GDC 62. Logically, the Intervenor should be expected to have knowledge of the regulatory requirements and related documents that would support their contention. This is presumably public information. NNECO is under no obligation to perform Intervenor's legal and regulatory research.

I. Criticality Calculations

Interrogatory No. I – 1: Please identify all available spent fuel pool criticality calculations for Millstone, including calculations of  $K_{eff}$  under different conditions and assumptions.

NNECO's Response: NNECO objects to Interrogatory No. I – 1 to the extent it refers to criticality calculations for spent fuel pools other than Millstone Unit 3 and for criticality analyses for spent fuel pool configurations other than that proposed in the license amendment application at issue. These analyses would be outside the scope of the contention as admitted by the Licensing Board and is therefore neither relevant nor "reasonably calculated to lead to the discovery of admissible evidence." See 10 CFR § 2.740(b)(1).

In requesting analyses of criticality incidents, the request far exceeds the amendment at issue. NNECO will respond to this interrogatory only insofar as it relates to the criticality analyses that support the current Unit 3 proposal. Other Millstone criticality analyses (e.g., Unit 1 and Unit 2 analyses, and Unit 3 analyses unrelated to the current and prior Unit 3 spent fuel storage pool configuration) are not relevant to the issues in contention and could not lead to relevant information. Finally, although NNECO is providing criticality information, NNECO does not concede that this information is within the scope of the three admitted contentions. Those three contentions do not directly place the criticality analyses in question.

The following documents have been identified as responsive to this request:

1. Northeast Nuclear Energy Company, Millstone Nuclear Power Station, Unit No. 3, "Proposed Revision to Technical Specification/Spent Fuel Rerack (TSCR 3-22-98)" (March 19, 1999)
2. Holtec International, Proprietary Report No. HI-981909, "Criticality Evaluation for Region 1 & 2 Storage Racks in Millstone Unit-3 Spent Fuel Pool" (June 30, 1998)
3. Holtec International, Proprietary Report No. HI-981875, "Criticality Evaluation for Region 3 Storage Racks in Millstone Unit-3 Spent Fuel Pool" (July 15, 1998)

In responding to the document production requests, NNECO notes that it will provide copies of the Holtec International proprietary reports only if Intervenors will sign an appropriate non-disclosure agreement.

J. Potential Events Involving Soluble Boron Dilution

Interrogatory No. J – 1: Please identify all analyses of potential events involving dilution of soluble boron in Millstone and all documents pertinent thereto.

NNECO's Response: NNECO has determined that calculation 97-ENG-1322 M3, "Spent Fuel Pool Boron Concentration Following Makeup from Non-Borated Water Sources" is responsive to this request. This calculation verifies that the minimum boron concentration normally maintained in the spent fuel pool, 2,600 ppm, is sufficient to maintain the current Technical Specification limit of 1,750 ppm if non-borated water is added to the spent fuel pool in accordance with Millstone Unit 3 emergency operating procedure EOP 3505A, "Loss of Spent Fuel Pool Cooling," Attachment A, "Recover from Low Spent Fuel Pool Level."



Respectfully submitted,

A handwritten signature in black ink that reads "David A. Repka". The signature is written in a cursive style with a long horizontal line extending to the right.

David A. Repka  
Donald P. Ferraro  
WINSTON & STRAWN  
1400 L Street, N.W.  
Washington, D.C. 20005-3502

Lillian M. Cuoco  
NORTHEAST UTILITIES SERVICE COMPANY  
107 Selden Street  
Berlin, Connecticut 06037

ATTORNEYS FOR NORTHEAST NUCLEAR  
ENERGY COMPANY

Dated in Washington, D.C.  
this 4th day of April 2000

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of:	)	
	)	
Northeast Nuclear Energy Company	)	Docket No. 50-423-LA-3
	)	
(Millstone Nuclear Power Station,	)	
Unit No. 3)	)	ASLBP No. 00-771-01-LA

AFFIDAVIT OF JOSEPH J. PARILLO

JOSEPH J. PARILLO hereby declares under penalty of perjury that the following statements are true and correct of his own knowledge:

1. For more than twenty three (23) years, I have been employed by Northeast Nuclear Energy Company or Northeast Utilities Service Company, concerning activities at the Millstone Nuclear Power Station. I currently am senior engineer in the Nuclear Analysis department.

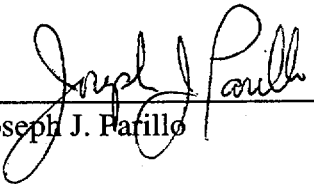
2. Prior to my current position, I held a number of other positions at Millstone Nuclear Power Station, including reactor engineer and senior licensed reactor operator at Unit 2, and reactor core design engineer at Unit 3 and at Connecticut Yankee Nuclear Power Station.

3. I have supplied information in response to the following interrogatories, as specified in the Connecticut Coalition Against Millstone and the Long Island Coalition Against Millstone's "First Set of Interrogatories and Requests for Production," dated March 21, 2000, in the captioned proceeding:

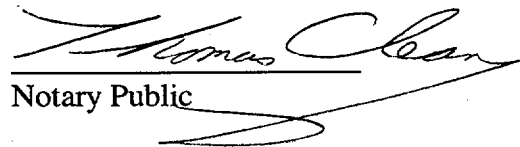
- Interrogatory No. 6 — 1;

- Interrogatory No. F — 3;
- Interrogatory No. G — 1; and
- Interrogatory No. I — 1.

4. The information in these responses is true and correct to the best of my knowledge and belief.

  
\_\_\_\_\_  
Joseph J. Pafillo

Subscribed to and Sworn before me personally, on this 3rd day of April, 2000.

  
\_\_\_\_\_  
Notary Public

My Commission expires:

**My Commission Exp. Feb. 28, 2001**

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of:	)	
	)	
Northeast Nuclear Energy Company	)	Docket No. 50-423-LA-3
	)	
(Millstone Nuclear Power Station,	)	
Unit No. 3)	)	ASLBP No. 00-771-01-LA

AFFIDAVIT OF MICHAEL C. JENSEN

MICHAEL C. JENSEN hereby declares under penalty of perjury that the following statements are true and correct of his own knowledge:

1. For more than seventeen (17) years, I have been employed by Northeast Nuclear Energy Company at Millstone Nuclear Power Station. I currently am the reactor engineering supervisor for Millstone Nuclear Power Station, Units 2 and 3.

2. Prior to my current position, I held the position of Unit 3 reactor engineering supervisor for approximately 6 months. Before that, I held the position of Unit 1 reactor engineering supervisor for approximately two and one half years.

3. I have supplied information in response to the following interrogatories, as specified in the Connecticut Coalition Against Millstone and the Long Island Coalition Against Millstone's "First Set of Interrogatories and Requests for Production," dated March 21, 2000, in the captioned proceeding:

- Interrogatory No. E — 1;
- Interrogatory No. E — 4; and

- Interrogatory No. F — 1.

4. The information in these responses is true and correct to the best of my knowledge and belief.

M. C. Jensen  
Michael C. Jensen

Subscribed to and Sworn before me personally, on this 3<sup>rd</sup> day of APRIL 3, 2000.

Thomas Clear  
Notary Public

My Commission expires:

My Commission Exp. Feb. 28, 2001

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of:	)	
	)	
Northeast Nuclear Energy Company	)	Docket No. 50-423-LA-3
	)	
(Millstone Nuclear Power Station,	)	
Unit No. 3)	)	ASLBP No. 00-771-01-LA

AFFIDAVIT OF ROBERT G. MCDONALD

ROBERT G. MCDONALD hereby declares under penalty of perjury that the following statements are true and correct of his own knowledge:

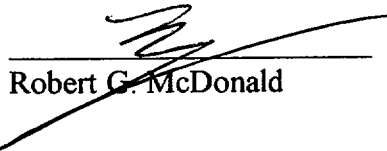
1. Since August 1997, I have been employed by Northeast Nuclear Energy Company at Millstone Nuclear Power Station. I currently am the primary systems chemist for Millstone Nuclear Power Station Units 2 and 3.

2. Prior to my current position, I held the position of primary systems chemist at Millstone Nuclear Power Station Unit 2 for approximately two years.

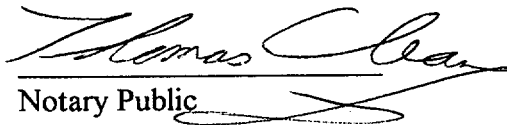
3. I have supplied information in response to the following interrogatories, as specified in the Connecticut Coalition Against Millstone and the Long Island Coalition Against Millstone's "First Set of Interrogatories and Requests for Production," dated March 21, 2000, in the captioned proceeding:

- Interrogatory No. E — 2;
- Interrogatory No. F — 2; and
- Interrogatory No. J — 1.

4. The information in these responses is true and correct to the best of my knowledge and belief.

  
Robert G. McDonald

Subscribed to and Sworn before me personally, on this 3<sup>rd</sup> day of APRIL 2000.

  
Notary Public

My Commission expires:

My Commission Exp. Feb. 28, 2001

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of:	)	
	)	
Northeast Nuclear Energy Company	)	Docket No. 50-423-LA-3
	)	
(Millstone Nuclear Power Station,	)	
Unit No. 3)	)	ASLBP No. 00-771-01-LA

AFFIDAVIT OF DAVID W. DODSON

DAVID W. DODSON hereby declares under penalty of perjury that the following statements are true and correct of his own knowledge:

1. For more than two (2) years, I have been employed by Northeast Nuclear Energy Company at Millstone Nuclear Power Station. I currently am the licensing supervisor for Millstone Nuclear Power Station Unit 3.

2. Prior to my current position, I held various positions in the commercial nuclear industry in the areas of design engineering, operations, and licensing, over a period of approximately eighteen (18) years.

3. I have supplied information in response to the following interrogatories, as specified in the Connecticut Coalition Against Millstone and the Long Island Coalition Against Millstone's "First Set of Interrogatories and Requests for Production," dated March 21, 2000, in the captioned proceeding:

- Interrogatory No. 4 — 2;
- Interrogatory No. 5 — 2;
- Interrogatory No. 6 — 2;



- Interrogatory No. D — 1; and
- Interrogatory No. F — 4.

4. The information in these responses is true and correct to the best of my knowledge and belief.

*David W. Dodson*  
David W. Dodson

Subscribed to and Sworn before me personally, on this 4 day of April, 2000.

*Donna Lynne Williams*  
Notary Public



My Commission expires:  
Nov. 30, 2001

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

DOCKETED  
USNRC

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In the Matter of: )

Northeast Nuclear Energy Company )

(Millstone Nuclear Power Station, )  
Unit No. 3) )

Docket No. 50-423-LA-3

ASLBP No. 00-771-01-LA

CERTIFICATE OF SERVICE

I hereby certify that copies of "NORTHEAST NUCLEAR ENERGY COMPANY'S RESPONSE TO CONNECTICUT COALITION AGAINST MILLSTONE AND LONG ISLAND COALITION AGAINST MILLSTONE'S FIRST SET OF INTERROGATORIES" in the above-captioned proceeding, have been served on the following by deposit in the United States mail, first class, this 4th day of April 2000. In addition, for those parties marked by an asterisk (\*), a copy has been provided this same day by e-mail.

Nancy Burton, Esq.\*  
147 Cross Highway  
Redding Ridge, CT 06876

Dr. Richard F. Cole\*  
Administrative Judge  
Atomic Safety and Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Office of the Secretary  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555  
Attn: Rulemakings and Adjudications Staff  
(original + two copies)

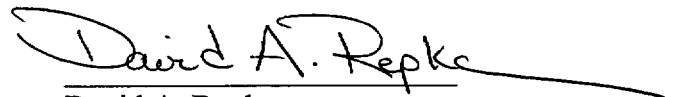
Dr. Charles N. Kelber\*  
Administrative Judge  
Atomic Safety and Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Adjudicatory File  
Atomic Safety and Licensing Board Panel  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Charles Bechhoefer\*  
Chairman  
Atomic Safety and Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Office of Commission Appellate Adjudication  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Ann P. Hodgdon\*  
Office of the General Counsel  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

A handwritten signature in black ink that reads "David A. Repka". The signature is written in a cursive style with a long horizontal line extending to the right from the end of the name.

David A. Repka  
WINSTON & STRAWN  
1400 L Street, NW  
Washington, DC 20005