



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

October 11, 1996

LICENSEE: Northeast Utilities Service Company  
FACILITY: Millstone Nuclear Power Station, Unit No. 3  
SUBJECT: INDEPENDENT CORRECTIVE ACTION VERIFICATION MEETINGS, SEPTEMBER 24, 1996

PARTICIPANTS IN AFTERNOON MEETING:

NRC

R. Zimmerman, NRR/ADPR  
E. Imbro, ICAVP Team Manager  
L. Plisco, ICAVP Team Leader  
P. McKee, NRR/PD/NU Directorate  
J. Durr, RI/DRP/BC  
T. Cerne, RI/SRI  
V. Rooney, NRR/PM

NORTHEAST UTILITIES

T. Feigenbaum, Exec. VP  
J. Cowen, Recovery Officer  
M. Brothers, Millstone Unit 3  
T. Harpster, Lic. Dir.  
J. Vargas, Eng. Dir.  
P. Grossman, Eng. Dir.  
J. DeLoach, Exec. Asst.

On September 24, 1996, at 1 p.m. in the Leland F. Sillin Jr., Nuclear Training Center at Waterford, Connecticut, a management meeting was held to discuss the conduct and NRC oversight of the Independent Corrective Action Verification Program (ICAVP). The NRC order dated August 14, 1996, required that the ICAVP be conducted by an independent contractor to verify the results of corrective actions intended to resolve design control problems at Millstone. The meeting was open for public attendance. The meeting consisted of a presentation of the status of ICAVP related activities by Northeast Utilities (NU), followed by a presentation by the NRC fleshing out the details of staff plans and expectations for the ICAVP. An opportunity for public comment and questions was provided at the end of the management meeting; although a meeting with members of the public to discuss the same information was also provided at the Waterford Town Hall at 7 p.m. on the same day.

NU PRESENTATION:

- ICAVP requests for proposal on a time and material contract have been issued to:  
  
Sargent and Lundy - Chicago, Illinois  
Burns and Roe - New Jersey  
Parsons Power - Reading, Pennsylvania
- ICAVP bids due week of October 7.
- NRC approval of NU's selected contractor will be requested in writing.

DFO 1/1

9610280116 961011  
PDR ADOCK 05000423  
P PDR

NRC FILE CENTER COPY

- The Millstone Unit 3 FSAR will be 100% updated before restart. The "annotated" FSAR is now 95% complete. FSAR review is now done in-house rather than with contractors.
- System Specific Assessments (SSA's), which confirm that all statements of fact in the FSAR are true, will be performed on all maintenance rule group 1 and selected group 2 systems.

#### NRC PRESENTATION:

- ICAVP and NRC's oversight of ICAVP will verify on a "smart sampling" basis effectiveness of NU's corrective action program, and implementation of the program. Oversight team will consist of about eight handpicked people - some from outside the NRC.
- NRC will consider financial and work involvement of review organization and review team members to achieve independence before approving an ICAVP contractor.
- ICAVP review will begin after NU has completed the configuration management program for about half the risk-significant systems in order to not unduly delay Millstone Unit 3 restart. NU should realize, however, that if the ICAVP uncovers inadequacies, programmatic doubts will arise that may significantly delay completion of the ICAVP process.
- NRC approval of Millstone Unit 3 restart will only occur after Commission approval, following successful completion of the ICAVP, 0350 process, and employee concerns process changes.
- ICAVP will be conducted with high public visibility, including multiple public meetings. State and advisory council have been invited to observe process.

Handouts for the meeting from both NRC and NU are attached.

#### NRC PARTICIPANTS IN EVENING MEETING:

R. Zimmerman, NRR/ADPR  
E. Imbro, ICAVP Team Manager  
L. Plisco, ICAVP Team Leader  
P. McKee, NRR/PD/NU Directorate  
J. Durr, RI/DRP/BC

On September 24, 1996, at 7 p.m. at the Waterford Town Hall in Waterford, Connecticut, a meeting was held to discuss the conduct and NRC oversight of the ICAVP with the public and to provide an opportunity for public comments and questions. The meeting consisted of a presentation of the details of

staff plans and expectations for the ICAVP, with public questions and comments both during the presentation and at the end of the presentation. A summary of ICAVP status, including the points discussed above, were presented in the evening meeting, and the attached NRC handouts were also provided.

PUBLIC COMMENTS:

- A petition with 551 signatures was presented urging that the NRC remove NU from any involvement in the selection of the restart independent verification team. The petition and signatures are attached.
- Concerns were expressed regarding:
  - the extent of activities required of NU prior to plant restart, the independence of review by any organization selected or paid for by NU,
  - the confidentiality provided for "whistleblowers" by the NRC, the need for removal of NU and NRC people with past Millstone involvement from the restart review and approval process,
  - the use of a "statistical sampling" basis to verify restart readiness,
  - need for rereview of cases of workers fired last winter,
  - the feeling that NRC is not really listening,
  - a desire that Haddam Neck be added to the watchlist,
  - a desire that there be a group responsible for overseeing the NRC.

(Original Signed By)

Vernon L. Rooney, Sr. Project Manager  
Northeast Utilities Project Directorate  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket No. 50-423

Attachments: Northeast Utilities Handouts  
NRC Handouts  
Petition

cc w/attachments: See next page

DOCUMENT NAME: G:\ROONEY\ICAVP.930 -DISTRIBUTION SEE NEXT PAGE

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	PM:NUPD	LA:NUPD	D:NUPD					
NAME	VRooney	LBerry	PMcKee					
DATE	10/10/96	10/10/96	10/11/96					

OFFICIAL RECORD COPY

Northeast Utilities Service Company

Millstone Nuclear Power  
Station Unit 3

cc:

Lillian M. Cuoco, Esq.  
Senior Nuclear Counsel  
Northeast Utilities Service Company  
P.O. Box 270  
Hartford, CT 06141-0270

M. H. Brothers, Nuclear Unit Director  
Millstone Unit No. 3  
Northeast Nuclear Energy Company  
P.O. Box 128  
Waterford, CT 06385

Mr. Kevin T. A. McCarthy, Director  
Monitoring and Radiation Division  
Department of Environmental Protection  
79 Elm Street  
Hartford, CT 06106-5127

Burlington Electric Department  
c/o Robert E. Fletcher, Esq.  
271 South Union Street  
Burlington, VT 05402

Mr. Allan Johanson, Assistant Director  
Office of Policy and Management  
Policy Development and Planning Division  
80 Washington Street  
Hartford, CT 06106

Mr. M. R. Scully, Executive Director  
Connecticut Municipal Electric  
Energy Cooperative  
30 Stott Avenue  
Norwich, CT 06360

Mr. S. E. Scace, Vice President  
Nuclear Reengineering Implementation  
Northeast Utilities Service Company  
P.O. Box 128  
Waterford, CT 06385

Mr. William D. Meinert  
Nuclear Engineer  
Massachusetts Municipal Wholesale  
Electric Company  
P.O. Box 426  
Ludlow, MA 01056

Regional Administrator  
Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Mr. E. A. DeBarba  
Vice President - Nuclear Technical  
Services  
Northeast Utilities Service Company  
P.O. Box 128  
Waterford, CT 06385

First Selectmen  
Town of Waterford  
Hall of Records  
200 Boston Post Road  
Waterford, CT 06385

Joseph R. Egan, Esq.  
Egan & Associates, P.C.  
2300 N Street, NW  
Washington, D.C. 20037

Mr. P. D. Swetland, Resident Inspector  
Millstone Nuclear Power Station  
c/o U.S. Nuclear Regulatory Commission  
P.O. Box 513  
Niantic, CT 06357

Mr. D. B. Miller, Jr.  
Senior Vice President  
Nuclear Safety and Oversight  
Northeast Utilities Service Company  
P.O. Box 270  
Hartford, CT 06141-0270



Northeast Utilities Service Company

Millstone Nuclear Power  
Station Unit 3

cc:

Mr. F. C. Rothen  
Vice President - Nuclear Work Services  
Northeast Utilities Service Company  
P.O. Box 128  
Waterford, CT 06385

Mr. Ernest C. Hadley, Esq.  
1040 B Main Street  
P.O. Box 549  
West Wareham, MA 02576

Mr. John Buckingham  
Department of Public Utility Control  
Electric Unit  
10 Liberty Square  
New Britain, CT 06051

Mr. James S. Robinson  
Manager, Nuclear Investments and  
Administration  
New England Power Company  
25 Research Drive  
Westborough, MA 01582

Mr. B. D. Kenyon  
President - Nuclear Group  
Northeast Utilities Service Company  
P. O. Box 128  
Waterford, CT 06385

Mr. Ted C. Feigenbaum  
Executive Vice President and  
Chief Nuclear Officer  
Northeast Utilities Service Company  
c/o Mr. Terry L. Harpster  
Director - Nuclear Licensing Services  
P.O. Box 128  
Waterford, CT 06385

Distribution

HARD COPY

Central File

PUBLIC

PDI-3 Memo

OGC

ACRS

E-MAIL

FMiraglia/AThadani

RZimmerman

SVarga

JZwolinski

PMcKee

VRooney

LBerry

EJordan (JKR)

JAndersen

DMcDonald

HPastis

VNerses

SDembek

ADeAgazio

TCerne

EImbro

LPlisco

WDean

MRassky

JRogge

## **NORTHEAST UTILITIES HANDOUTS**

## Independent Corrective Action Verification Program (ICAVP)

Ted C. Feigenbaum  
Executive Vice President and  
Chief Nuclear Officer  
September 24, 1996



## Agenda

- Overview *T.C. Feigenbaum*
- Configuration Management Program Status *M. H. Brothers*
- System Specific Assessments *M. H. Brothers*
- ICAVP Status *R.J. DeLoach*



## Configuration Management Program Status and System Specific Assessments

M.H. Brothers  
Unit Director - Millstone 3



## Configuration Management Program (CMP)

- Objectives
  - assure compliance with NRC regulations
  - identify and resolve design and licensing basis deficiencies



## Configuration Management Program (CMP)

- Three step process
  - Identify licensing and design basis deficiencies
  - Correct deficiencies
  - Avoid deficiencies in the future through an effective Corrective Action Program



## CMP Actions: What's Done?

- Conducted detailed reviews to determine scope of discrepancies
  - configuration control on 32 of 40 procedures
  - diagnostic review on 11 safety-significant systems
  - system readiness reviews on 41 Maintenance Rule category 1 and 2 systems



## CMP Actions: What's Done?

- Extended reviews (examples):
  - containment isolation
  - FSAR Chapter 15 analyses
  - electrical separation
- Engineering programs (examples):
  - Material Equipment and Parts List (MEPL)
  - fire protection
  - equipment qualification (EEQ)
  - station blackout (SBO)
  - individual plant exam / external events

## CMP Accomplishments

- Issued new Design Control Manual
- Updated Design and Configuration Control Procedures

## CMP Actions: Findings

- Significant discrepancies identified in the accuracy and completeness of Design and Licensing documents:
  - FSAR, Technical Specifications, and Licensing Commitments
  - Design Basis Document packages
  - Safety Evaluations (10CFR50.59)
  - effectiveness and timeliness of corrective actions
  - Vendor Technical Information

## CMP Actions: In Progress

- Actions identified in our MP3 Operational Readiness Plan (ORP):
  - update the FSAR / ensure consistency with the Technical Specifications and Technical Requirements Manual
  - update drawings and calculations, DBDP's, and Safety Evaluation procedures
  - perform System Specific Assessments

## System Specific Assessments (SSAs)

- Will conduct on all Maintenance Rule Group 1 and selected Group 2 systems
- Includes Auxiliary Feedwater, Service Water, Electrical Distribution, Emergency AC Power

## ICAVP Status

R. J. DeLoach  
Executive Assistant &  
ICAVP Project Manager (NU)



## Contractor Selection: Approach

- Competitive Bid Process
  - standard commercial practice
  - pre-determined, objective criteria
- Request for Proposals
  - NRC's Confirmatory Order
  - statement of work - Milestone 3 only
  - commercial terms and conditions
  - site procedures and policies

 Northeast Utilities System ICAVP Meeting

## Contractor Selection: Criteria

- Initial Screening of Prospective Bidders
  - multi-disciplinary engineering firm
  - resources and diversity
  - financial / technical independence
  - qualifications of key personnel
- Bid Evaluation
  - detailed selection criteria

 Northeast Utilities System ICAVP Meeting

## Contractor Selection: Criteria (continued)

- Essential Evaluation Criteria
  - independence from NU and NU's design contractors
  - technical capabilities in specific areas
  - team members who satisfy Confirmatory Order requirements

 Northeast Utilities System ICAVP Meeting

## Contractor Selection: Criteria (continued)

- Additional Evaluation Criteria
  - level of corporate commitment
  - related experience
  - project team and leadership experience and capabilities
  - project plan satisfaction of Confirmatory Order
  - information technology
  - plan for communications & reporting

System

## Contractor Selection: Status

- Request for Proposals Sent to 3 Prospective Bidders on 9/11/96
  - architect-engineer firms
  - limited prior work for NU
  - large, skilled, experienced engineering staffs

 Northeast Utilities System ICAVP Meeting

## Contractor Selection: Milestones

- Kepner-Tregoe decision-making methodology
- Oversight review
- Public input
- NRC approval

 Northeast Utilities System ICAVP Meeting

## Responsibilities - Contractor

- Select team members
- Establish scope of work and sampling plan
- Conduct process reviews, documentation reviews and system walkdowns
- Provide quality oversight of process to ensure integrity and independence



Northeast  
Utilities System \_\_\_\_\_ ICAVP Meeting

## Responsibilities - Contractor (continued)

- Participate in public meetings with the NRC, the State, and NU
- Provide reports with findings and recommendations (NRC / State / NU)
- Receive / comment on NU disposition of ICAVP findings



Northeast  
Utilities System \_\_\_\_\_ ICAVP Meeting

## Responsibilities - NRC

- Review and approve ICAVP Contractor and team members
- Review and approve ICAVP scope, plan, and schedule
- Monitor ICAVP activities, proceedings, and results (with representatives of the Connecticut Nuclear Energy Advisory Council as observers)



Northeast  
Utilities System \_\_\_\_\_ ICAVP Meeting

## Responsibilities - NU

- Award contract for ICAVP
- Develop interface protocol to ensure independence and integrity of process
- Participate in meetings and teleconferences
- Review and disposition ICAVP findings and recommendations
- Respond to requests from the NRC, ICAVP Team, State and public
- Provide for site access, logistics support, and administrative / clerical assistance

## Communications and Reporting

- All contractor communications in parallel to the NRC and NU
- Periodic meetings and teleconferences for information exchange (with NRC oversight)
- Monthly status review meetings with the NRC and Connecticut NEAC (by NU and separately by the ICAVP Contractor)
- Electronic system (E-mail) for routine information requests and responses

## Summary

- Bids due next week
- NRC will be informed in writing of:
  - outcome of bid evaluation
  - NU's formal request for approval



Northeast  
Utilities System \_\_\_\_\_ ICAVP Meeting

**MP3 GROUP 1 SYSTEMS**  
**SAFETY RELATED AND RISK SIGNIFICANT**

System	Group
Auxiliary Feedwater: Auxiliary Feedwater (AFW)	1
CVCS: Charging Pumps (CHG)	1
CVCS: Charging Pumps Cooling (CCE)	1
CVCS: Chemical & Volume Control (CVC)	1
Containment: Containment Isolation (CNT)	1
ESAS: EGLS (ESA)	1
ESAS: Westinghouse 7300 Racks (ESA)	1
ESF: Injection: Accumulators (SIL)	1
ESF: Injection: HPSI (HPI)	1
ESF: Injection: LPSI (LPI)	1
ESF: Injection: RWST & Recirculation (QSS)	1
ESF: Injection: Recirculation Spray (CRS)	1
ESF: Injection: Residual Heat Removal (RHR)	1
ESF: Injection: SI Pp Cooling (CCI)	1
ESF: Quench Spray: Quench Spray (QSS)	1
Electrical - AC: Vital 480 volt (ESO)	1
Electrical - AC: Vital MCC's (MCC)	1
Electrical - AC: Vital 120 vac (EVI)	1
Electrical - AC: Vital 120 vac Inverters (EVI)	1
Electrical - AC: Vital 4160 volt (ES4)	1
Electrical - DC: DC 125 vdc - Control (EDC)	1
Electrical - Gen: Normal Transformer (TRN)	1
Electrical - Gen: Reserve Transformer (RSE)	1
Electrical - Diesel: EDG Room Ventilation (DGV)	1
Electrical - Diesel: Engine (DES)	1
Electrical - Diesel: Fuel Oil (DFS)	1
Electrical - Diesel: EDG Generator (DGN)	1
Electrical - Diesel: EDG Lube Oil (DLS)	1
Electrical - Diesel: Starter (DSA)	1
Feedwater: Feed Pump (FPS)	1
Feedwater: Feedwater (FWS)	1
Main Steam: Main Steam (MSS)	1
Main Steam: Steam Generator (STG)	1
Normal Power System (NPS)	1
RPCCW: RPCCW (CCR)	1
Reactor Coolant: Reactor Coolant (RCS)	1
Reactor Coolant: SSPS (RPS)	1
Service Water: Service Water (SWS)	1
Structures: Containment Structure (BGC)	1

### LEVEL 1 MATRIX

[illegible]

**Northeast Utilities  
Millstone Nuclear Power Station - Unit 3  
Independent Corrective Action Verification Program (ICAVP)**

**Statement of Work**

**A. Background**

Currently, all three Millstone Units are shut down, placed on the NRC's "Watch List," and cannot restart until authorized to do so by the Nuclear Regulatory Commission (NRC). Because of long-standing concerns involving configuration management, corrective actions, and oversight effectiveness, the NRC has expanded their inspection and enforcement activities at Millstone Station by increasing resident and regional inspections, establishing NRC senior management oversight, planning for an Operational Readiness Team Inspection (focusing on human performance), and requiring a Manual Chapter 0350 restart assessment.

On August 12, 1996, the NRC met with Northeast Utilities (NU) in a public meeting at NRC Headquarters in Rockville, Maryland. The NRC stated that their inspections and NU's internal audits had identified several issues of concern at Millstone Station, namely:

- Configuration (Design) Control,
- Implementation of Corrective Actions for known problems,
- Implementation of Quality Assurance requirements (Oversight), and
- Compliance with the conditions of the Operating Licenses and NRC regulations.

Based on these findings, the NRC has determined that it is necessary to ensure that: (1) NU's programs to correct design control deficiencies at Millstone Units 1, 2, and 3 are effective, and (2) identification of degraded and non-conforming conditions and implementation of corrective actions are satisfactory, and can effectively preclude repetition of these deficiencies in the future. Accordingly, the NRC now requires an independent corrective action verification of the adequacy and results of the programs currently being implemented by NU that are directed at resolving existing design and configuration management issues. This verification will consider the adequacy of NU's efforts to establish appropriate design bases and design controls, including translation of the design bases into operating procedures and maintenance and testing practices, verification of system performance, and implementation of modifications since issuance of the original facility licenses.



The NRC has directed NU to obtain the services of an organization, independent of NU and its design contractors, to conduct a multi-disciplinary review of Millstone Units 1, 2, and 3. This review is to provide independent verification that, for selected systems, NU's Configuration Management Program (CMP) has identified and resolved existing problems (including making a "punchlist" of corrective actions, complete and prioritized based on safety significance), documented and utilized the licensing and design basis, and established programs, processes and procedures for effective configuration management in the future. This review must be comprehensive, incorporating appropriate engineering disciplines, such that the NRC and the public can be confident that NU has been thorough in the identification and resolution of its design and licensing basis issues.

The ICAVP consultant will be required to establish a protocol to communicate with and report findings concurrently to both the Executive Vice President and Chief Nuclear Officer (T. C. Feigenbaum) at Northeast Utilities, through its Project Manager, and to the Director of Nuclear Reactor Regulation (W. T. Russell) at the NRC through an NRC Project Manager. The NU Project Manager is R. J. DeLoach, Executive Assistant - Nuclear. The NRC Project Manager is E. V. Imbro of the NRC's Division of Nuclear Reactor Regulation (NRR).

B. Action

This Request for Proposal (RFP) is seeking proposals for the development and performance of an Independent Corrective Action Verification Program (ICAVP) evaluation as enumerated in this Statement of Work and in Attachments 1-6, which are incorporated herein by reference, for Millstone Unit 3 only.

NU expects that the ICAVP will be modeled after initial license verification reviews (e.g., Independent Design Verification Programs) that were performed on certain plants after the Diablo Canyon design issues in 1981. As stated in the attachments, the ICAVP covered by this Request for Proposal is intended to:

- verify the adequacy of NU's implementation of design and licensing requirements since initial plant licensing, and
- ensure that NU's Configuration Management Program is comprehensive and provides reasonable assurance that the Millstone design and licensing documentation is up-to-date, correct and consistent.

A copy of NRC materials covering an ICAVP is included as Attachment 1. NU's letter docketing our commitment to perform an ICAVP is included as Attachment 2. The NRC's confirmatory order containing specific details in this regard is included as Attachment 3. A transcript of our meeting with the NRC on August 12, 1996, to discuss the ICAVP is included as Attachment 4. The NRC's

Manual Chapter 2535 on Design Verification Programs is included as Attachment 5. NU's General Terms and Conditions for Nuclear Consulting Services, as well as requirements for unescorted access to Millstone Station and ALARA practices, are included in Attachment 6. The prospective ICAVP consultant needs to cover the requirements of Attachments 1-6 in its proposal.

Attachment 7 contains letters from parties that are not able to conduct the ICAVP in its entirety, but are willing to support others as needed. NU is forwarding this information to prospective ICAVP consultants solely as a matter of convenience, and does not necessarily endorse, authorize, or approve the use of the companies identified.

Enclosures 1-3 are summary documents that describe NU's Configuration Management Program, and certain other ongoing activities to identify and correct design and licensing basis deficiencies. This information is provided to help the prospective ICAVP consultant in determining the scope of review that will be required.

C. Scope and Plan Requirements

In all respects, the Independent Corrective Action Verification Program must satisfy the confirmatory order (Attachment 3) issued by the NRC on August 14, 1996. Any discussion in this Request for Proposals should be read consistent with that objective.

The ICAVP shall provide a comprehensive examination of the design development and implementation for a selected sample, such as a system or portion of a system, on Millstone Unit 3. It will include onsite verification, on a sampling basis, of the design and configuration management process since initial issuance of the unit's operating license.

The ICAVP will be conducted by an independent third party contractor for NU. The review team must be comprised of a qualified engineering staff, based on experience and technical credentials. All members of the team, as well as the contractor, must demonstrate financial and technical independence from NU. In determining independence and qualifications, the primary focus will be on the individuals that will comprise the team. The independence and qualifications of the contractor and members of the review team will be reviewed and approved by the NRC prior to contract award.

As indicated in the NRC's confirmatory order, Northeast Utilities has committed to undertaking an ICAVP that will include:

- Conducting an in-depth review of selected systems which will address control of the design and design basis since issuance of the operating license for Millstone 3;
- Selecting systems for review based on risk/safety based criteria similar to those used in implementing the Maintenance Rule (10 CFR 50.65);
- Developing and documenting an audit plan that will provide assurance that the quality of results of NU's problem identification and corrective action programs on the selected systems is representative of and consistent with that of other systems;
- Preparing procedures and schedules for parallel reporting of findings and recommendations by the ICAVP team to both the NRC and NU; and
- Preparing procedures for the ICAVP team to comment on NU's proposed resolution of the findings and recommendations.

The contractor will be responsible for developing a detailed ICAVP plan that will subsequently be reviewed and approved by the NRC prior to its implementation. The contractor's proposal must include a detailed outline of its ICAVP plan. The scope of the plan will encompass modifications to selected systems since initial plant licensing and must include, in addition to the above attributes, the following elements for the selected systems:

- A review of engineering design and configuration control processes.
- Verification of current, as-modified plant conditions against design basis and licensing basis documentation.
- Verification that design and licensing basis requirements are translated into appropriate operating procedures, and maintenance and test procedures.
- Verification of system performance through review of specific test records and/or observation of selected testing on particular systems.
- Review of proposed and implemented corrective actions for NU-identified design deficiencies.

The third-party review will help NU demonstrate to the NRC and the public that when NU's Configuration Management Program is completed, NU will have thoroughly identified design and configuration control problems, corrected the design and documentation issues, and demonstrated that the Millstone Unit 3 plant can be restarted with confidence. Deficiencies in this regard will be

identified and reported by the independent verification consultant to both NU and the NRC.

D. Process

The ICAVP will be a multi-discipline review that will address, as a minimum, areas such as mechanical, electrical, civil, structural, instrumentation and control for the systems selected. The ICAVP may include such details as checking or performing sample calculations; however, the emphasis should be on the systematic management of the total design process and the adequacy of NU's CMP.

The process must examine all facets of the design management process for a limited sample of systems as selected by the ICAVP consultant and approved by the NRC from initial full-power licensing to present. This may be modified by the NRC to be responsive to unique conditions for a particular Millstone Unit, or known or suspected generic problems.

The evaluation will start with development of a logic or flow network of the design process. Each functional entity within the design organization will be identified. For each of these entities, internal and external design interfaces which involve transmittal of design information will be specified. From this network, critical design areas or areas with the least tolerance for error will also be identified. Within each of the design entities, the specific procedures for the verification and transmittal of design information will be reviewed for conformance with NU's overall Quality Assurance program, and to identify specific weaknesses in the design process. Based on the results of the review and the identification of critical design areas, a specific sample such as a system or portion of a system will be evaluated.

In examining design modifications to a system or structure and its specifications, the evaluation will focus on topics such as:

- (a) Validity of design inputs and assumptions,
- (b) Validity of design specifications,
- (c) Validity of analyses,
- (d) Identification of system interface requirements,
- (e) Potential synergistic effects of changes,
- (f) Proper component classification,

- (g) Revision control,
- (h) Documentation control,
- (i) Verification of as-built conditions, and
- (j) Other attributes as determined by NU and the ICAVP consultant, subject to NRC oversight and approval.

In addition, the ICAVP review also should address programmatic areas. For example, classification of systems and components, design verification records, interface control and interdisciplinary review, consistency with the Final Safety Analysis Report (FSAR), non-conformances and corrective actions, and audit findings and resolutions should be sampled during the review process.

#### E. NRC Oversight

The NRC is expected to provide close oversight of activities being performed by the ICAVP consultant. Specifically, the NRC Staff will likely:

- Approve the qualifications and independence of the ICAVP consultant, organization, and team proposed.
- Approve systems and/or subsystems selected for ICAVP review.
- Assess resolution of ICAVP findings and recommendations.
- Conduct parallel inspections; audit calculations; and review corrective action implementation for selected systems.
  - NRC restart oversight inspections (MC 0350) and the ICAVP independent reviews are parallel and independent efforts. Conditions/actions required for restart will be determined by the NRC Staff and approved by the Commission.
  - The NRC Staff will be periodically briefed on ICAVP program results and findings by NU and/or the ICAVP consultant. Procedures for effecting this requirement shall be developed by the ICAVP consultant in conjunction with NU.
  - The NRC Staff shall be afforded access to ICAVP consultant records and information at all reasonable times.



- Criteria to accept results or to reduce or expand the sample size used for the ICAVP shall be developed by the ICAVP consultant in conjunction with NU, and subject to review by the NRC Staff.
- The ICAVP consultant and NU shall maintain a strictly independent communications protocol. All requests for information shall be written. Phone calls and face-to-face meetings must consider the requirements of the NRC, who will monitor the interactions to assure independence. Use of reasonable Information Technology, available to the NRC and public, shall be considered and included in the proposal.

F. Additional Information

The ICAVP review for Millstone Unit 3 will not be initiated until NU believes that design and licensing basis deficiencies are complete for the population of systems (about 20) available for selection by the ICAVP consultant.

The ICAVP consultant and team will be afforded unescorted access to Millstone Unit 3 and associated facilities. Team personnel must be able to meet NU's and the NRC's requirements for unescorted access to vital areas. Also, all work done by the ICAVP consultant shall be in accordance with their approved QA Program.

The ICAVP consultant selection will largely be based on the probable effectiveness in demonstrating to the NRC and public that the consultant is highly qualified, technically competent, and capable of performing a truly independent, objective, and comprehensive review.

The project manager/lead for the ICAVP consultant will represent the ICAVP company in meetings and presentations to NU, the NRC, and the public. The ICAVP consultant should anticipate significant and frequent interactions with these entities.

The proposal must consider the likely existence of an executive level oversight board (committee) to which the ICAVP team would communicate with and keep informed of activities and results. The board may be comprised of one or more members of the public and local business community around Millstone, academia, and highly respected nuclear industry leaders, in addition to senior level representatives of the ICAVP consultant who are not directly involved in the ICAVP team. A Proposed Independent Oversight Team (IOT) Charter is included herein and provides a description of this requirement.

The following are general attributes that NU and the NRC are expected to consider in selecting/approving the ICAVP consultant, respectively:

- Independence
- Experience in Design Review Activities/Nuclear Plant Design
- Availability/Depth of Human and Other Resources
- Technical Experience of Human Resources
- Internal Quality Program Assessment
- Credentials of Key Project Personnel
- Ability to Make Regulatory Judgments on Findings and Recommendations
- NRC Experience
- Level of Corporate Interest

NU expects to use a Kepner-Tregoe decision analysis methodology to select the ICAVP consultant, as described herein. NU's specific "Proposed Evaluation Criteria for the ICAVP Procurement" are also included herein. Furthermore, the prospective consultants must address the attached "ICAVP Issues to be addressed by Contractors" in their proposals, and we will consider that information in our evaluation of the ICAVP proposals.

## KEPNER TREGOE

### MILLSTONE 3 ICAVP PROCUREMENT METHODOLOGY

#### Background

As directed in the NRC's August 14, 1996 confirmatory order, Northeast Utilities is committed to the Independent Corrective Action Verification Program (ICAVP) as an appropriate step in the Millstone 3 unit's restart plan. Because of the conditions surrounding this situation, it is recognized that the selection of the supplier for the ICAVP must be accomplished with the utmost objectivity, and that all aspects of the selection be documentable. Therefore, the company has decided to utilize the Kepner-Tregoe Decision Analysis process to make the supplier selection, and has retained the services of a Kepner-Tregoe professional to assist in the structuring of the selection.

#### Kepner-Tregoe Decision Analysis (DA) Process

In the 1950's, Drs. Charles Kepner and Benjamin Tregoe were employed by the Rand Corporation. Their assignment at the time was to help automate the decision making in use by Air Force missile launch officers in the defense of the country during the cold war. In practice, however, many officers used hunches and intuition, and the quality of their decisions was relatively poor. Subsequently, Kepner and Tregoe spent significant time in the business environment to understand how successful decisions were being made. They then articulated their findings into a "process" that could be transferred and replicated by others.

The most common pitfalls in decision making they discovered were that people became emotional about alternatives, and they failed to consider the risks around choices. The DA process addresses these weaknesses by first focusing on the purposes of the decision, and lastly understanding the possible adverse consequences around what appears to be the best alternative(s).

#### Application of the DA Process to the Millstone 3 ICAVP Procurement

The "purpose" of this procurement is to "Select an ICAVP Supplier." Using Kepner-Tregoe's facilitation, NU then developed criteria that defined the ideal candidate supplier to accomplish the ICAVP in a competent, comprehensive and independent manner.

The criteria were further refined into "Essential Criteria" and "Additional Criteria." Essential criteria are aspects of the selection that must be present for the candidate supplier to be eligible to perform the project. If a criterion is not met, the supplier will

not be further considered to perform this effort. Additional criteria are measures of which eligible candidates can be directly compared to determine which one appears to be the best.

By making these selection criteria visible to candidate suppliers, as well as all other concerned parties, the intentions of the procurement should be clear and direct. Further, once the supplier proposals are received, the application of the selection criteria to the various elements of each proposal will surface the important data and will rationally highlight the strongest candidate supplier.

When the best candidate(s) are identified, the project team will work to assess the possible adverse consequences of the candidate(s). This step will ensure that results can be managed and that the project can be accomplished effectively, with confidence of the public and NRC staff, and in full compliance with the NRC's confirmatory order.

## **Proposed Evaluation Criteria for the ICAVP Procurement**

### **ESSENTIAL EVALUATION CRITERIA**

The following criteria must be met or the bidder will be considered nonresponsive to the Request for Proposals:

- Suppliers must be independent of NU and NU's design contractors.
- Project team must have technical capabilities in the following areas:
  - Electrical Engineering
  - Instrumentation and Control Engineering
  - Mechanical Engineering
  - Civil Engineering
  - Structural Engineering
  - Nuclear Plant Operations
  - Nuclear Plant Maintenance
  - Probabilistic Risk Assessment
  - Design and Licensing Basis Documentation at Commercial Nuclear Plants
- Project team members must meet the following NRC criteria as enumerated in the NRC's Confirmatory Order dated August 14, 1994:
  - No financial interest in NU or its affiliates
  - No prior involvement in design reviews for NU
  - Not the Engineer of Record or Architect-Engineer for the unit evaluated

### **ADDITIONAL EVALUATION CRITERIA**

The following additional criteria will be considered as part of the overall evaluation of the contractor's capability to conduct the ICAVP in accordance with NRC requirements. The evaluation will assess the proposal most likely to provide a credible, comprehensive, and independent review acceptable to the NRC and the public:

#### **Contractor**

The following supplier attributes will be considered in evaluating capability to conduct the ICAVP:

- Level of corporate commitment to this project



- Related experience in design and licensing reviews (design and configuration management, or safety evaluations) and design verification programs

#### Project Leader

- Project team leadership experience and capability that can accomplish a quality verification. Example attributes that will be considered:
  - Managerial level within the contractor's organization
  - Credentials, such as education, industry committees, publications
  - Experience, including technical, managerial, and regulatory
  - Communication experience and skills, including technical knowledge and public speaking experience

#### Project Team

- The following project team capabilities and experience will be considered:
  - Education of Team Members
  - Experience with similar projects
  - Other relevant experience, including utility, regulatory, and nuclear design
  - Depth of human resources available in terms of quality and quantity

#### Project Plan

- The effectiveness of the ICAVP project plan in meeting the requirements of the NRC's Confirmatory Order
- The capability of the Information Technology systems proposed (e.g., electronic bulletin board) for use in exchanging information under NRC and public review
- The detail of the plan for organizing, directing, and controlling project resources and activities
- The plan for conducting verification activities openly with joint reporting to the NRC and NU, and subject to public review

## ICAVP ISSUES TO BE ADDRESSED BY CONTRACTORS

### Experience:

1. Describe breadth of design experience of the proposed team in terms of type of design work (original plant design, preliminary, final, modifications) and scope (all disciplines, selected systems or selected disciplines).
2. Describe size of previous project involvements in terms of total plant, BOP, NSSS, and specific systems.
3. Has the contractor performed any IDVPs or similar independent reviews? If so, please describe.
4. Has the contractor done design basis, plant configuration reviews such as for Bulletin 79-14? SSFIs? Please describe.
5. Has the contractor performed in-depth evaluation of designed/operated/modified systems?
6. What PRA and IPE experience does the Company have?
7. Which of above were inspected by the NRC? Were there significant NRC findings?

### Qualifications:

1. State credentials of key project personnel, with emphasis on spokesperson, project director, team manager, and subgroup leaders.
2. State involvement of team personnel in industry and standards-type activities.
3. Provide the experience of key discipline personnel in terms of projects and years of applicable work.

### Organization:

1. How would this project be organized?

2. What size review team and what disciplines do you anticipate?
3. Who would have responsibility for information to be reported to NU and NRC?
4. How would work/findings flow through organization?
5. How would organization self-assess itself? What role will QA perform?
6. Oversight function be incorporated into the organization?

**Independence:**

1. What financial independence criteria would be imposed on team members? (See for example, NRC's Inspection Manual Chapter 2535 on Design Verification Programs)
2. What independence criteria regarding experience with NU or NU contractors or suppliers would be imposed on team members?

**Protocol:**

1. What would be the internal protocol for review and identification of issues, and subsequent validation through the management review process?
2. What would be the external protocol for dissemination of results?
3. What internal protocol for communications, work space, interaction with NU/NRC would exist?
4. How will invalid findings, that is, findings which are found invalid within the contractors internal review process, be dispositioned?
5. What will be process for making this review transparent to NRC?

**Plan:**

1. Describe basic review plan.

2. How would you establish acceptance criteria to validate or invalidate previous work?
3. What criteria would be used to expand the sample, or to reduce it?
4. Would working-level procedures be generated or required?
5. What review would acceptance criteria undergo and would they be subject to review and modification as work proceeded?
6. How would selection of review items be made?
7. How would you determine that there is reasonable assurance that the plant's physical and functional characteristics are in conformance with its licensing and design basis?
8. How would you determine that the margins that existed when plant was licensed had not been eroded by subsequent weaknesses in modification and other processes?
9. How would you determine whether the Millstone Unit 3 Configuration Management Program is adequate?
10. How would you determine whether the Millstone Unit 3 Corrective Action Program is adequate?

## **PROPOSED CHARTER FOR THE ICAVP OVERSIGHT TEAM**

### **I. PURPOSE**

In order to provide additional confidence that the Independent Corrective Action Verification Program (ICAVP) is performed competently, objectively, and independently, the ICAVP Oversight Team (IOT) will monitor and oversee all ICAVP activities. IOT is to ensure that the ICAVP meets all of the process require

ments and objectives specified in the NRC's Confirmatory Order, including review and approval of the ICAVP contractor's work plan, protocol, independence and qualifications of project personnel, and decision making as work progresses.

### **II. MEMBERSHIP**

The IOT will be composed of persons having financial independence from Northeast Utilities and its subsidiaries, and independence from the designs, programs, and plant hardware being evaluated under the ICAVP. The IOT may be composed of persons having experience and credentials representative of the public sector, nuclear reactor regulation, technical excellence, and high quality nuclear programs.

### **III. RESPONSIBILITIES**

A. The IOT will review key documents and request timely briefings to provide the necessary background on the objectives of the ICAVP and the processes under which it will operate. The information will include NRC inspection and licensing correspondence and the confirmatory order as well as NU documents summarizing the results of internal assessments and planned corrective actions on relevant activities. With this as a basis, the IOT may generate any procedures, protocol, or workplans it believes necessary to accomplish item I. above.

B. The IOT will review all appropriate documents and monitor all appropriate meetings and conference calls relevant to the ICAVP activities either as a team or as individuals. The IOT needs to adhere to the communication protocol established and needs to be sensitive to providing its views to all affected parties concurrently, in an open environment.

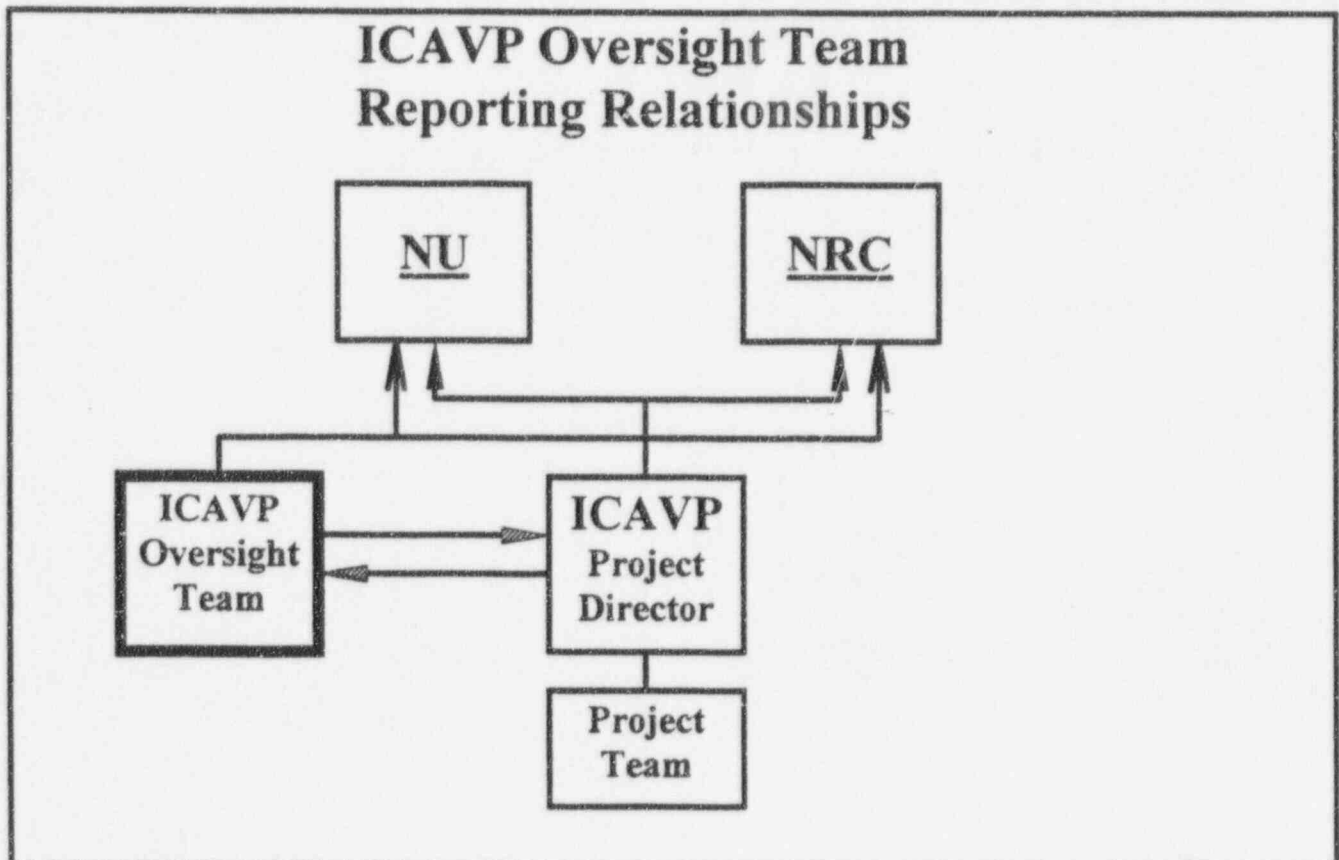
C. The IOT will review the independence and qualifications of the ICAVP project personnel to independently confirm that the criteria specified by the Order and the RFP have been fully satisfied. The IOT will review and comment on the procedures established to implement ICAVP work to ensure that program and process objectives are met. In this regard, major

emphasis must be placed on the quality and integrity of the entire process.

D. The IOT will arrange periodic briefings to provide them with a basis for assessment of the verification process as it proceeds and the opportunity to provide timely guidance. Particular attention should be given to the criteria for acceptance of conditions verified to be "acceptable", the criteria for expansion of the verification sample, and the basis for close out of specific issues as being adequately verified. To the extent possible, the IOT should evaluate the technical decision-making being done by ICAVP personnel. Since the IOT process is one of oversight and recommendation, rather than direction, all recommendations from IOT should be documented.

#### IV. REPORTS

The IOT will complete their activities by preparing a brief report which summarizes the IOT's conclusions concerning the ICAVP findings and identifies any points of disagreement left unresolved. This will be made part of the ICAVP final report. The IOT may be requested to participate in public meetings on the ICAVP and to brief the Nuclear Regulatory Commission on its findings.





## ATTACHMENT AND ENCLOSURES

<u>Topic</u>	<u>Attachment</u>
NRC Presentation, dated 8/12/96, to NU on ICAVP Program Plan	1
NU Letter to NRC, dated 8/13/96 Committing to ICAVP Program	2
NRC Confirmatory Order on NU's ICAVP at Millstone Station	3
NRC Official Transcript of Proceedings For Public Meeting with Northeast Utilities Regarding Millstone Units 1, 2, and 3 Proceedings: Work Order No. NRC-812, Neal R. Gross and Company	4
NRC Manual Chapter 2535, "Design Verification Programs"	5
General Terms and Conditions for ICAVP Consultant Proposal and Contract and Requirements for Unescorted Access and ALARA Principles	6
Letters from Companies/Organizations Interested in Supporting the ICAVP	7

<u>Topic</u>	<u>Enclosures</u>
FSAR Systems Vertical Slice Review Project Report	1
Millstone Unit 3 Integrated Assessment and Action Plan	2
Millstone Unit 3 Configuration Management Plan	3

# Millstone 3

## Key Performance Indicators for Operational Readiness

(Through September 23, 1996)

### Summary

Total Bypass Jumpers.....	46
Goal:	≤30
Bypass Jumpers > 2 cycles.....	11
Goal:	≤11
NCR Closure.....	276
Goal:	151 by 10/30
NCRs Open > 60 days w/o Disposition.....	57
Goal:	0 by 10/30
LOE & EWR Disposition.....	later
Goal:	
DBDP Discrepancy not Dispositioned.....	8
Goal:	None allowed
Initial SD Hardware Mods.....	2
Goal:	All Complete
Startup Tied Emergent Hardware Mods.....	40
Goal:	All Complete
Operator Burdens.....	6
Goal:	≤5
Dept. Self Assessment.....	8
Goal:	11
Upgrade Procedures Programs & Processes.....	32
Goal:	40
Cat 8 DCN Review.....	later
Goal:	
DBDP Verification.....	later
Goal:	
FSAR Review.....	5507
Goal:	5500
Tech Specs & TRM Review.....	later
Goal:	
Update Critical Calculations.....	later
Goal:	

System Specific Assessment Forms.....	later
Goal:	
Correct Ops Critical Drawing Discrepancies.....	46
Goal:	63
MEPL Validation.....	93%
Goal:	90%
Validate Selected Vendor Information.....	5
Goal:	13
Outstanding Licensing Issues.....	1
Goal:	26
Significance Lev. A,B,C ACR Review.....	190
Goal:	165 Reviewed by 9/23
	All Reviewed by 10/30
MTF Review.....	357
Goal:	No Open Items
Number of Outage Personnel Error LERs.....	1
Total Number of Outage LERs.....	23
Goal:	No Outage Personnel Error LERs
Possible Technical Procedure Deficiencies.....	141
Goal:	No Open Items
Operational Readiness Plan Deliverable Status.....	47
Goal:	66
AWO Backlog - Corrective Maintenance.....	1679
Goal:	≤500
Unplanned LCO Entry.....	5
Goal:	0
Work Planning Effectiveness.....	80%
Goal:	≥90%
<u>Maintenance Rework</u>	
Number of Work Orders Completed.....	6183
Number of Outage Rework AWOs.....	30
Percent Rework.....	0.49%
Goal:	1% of AWOs Completed
Operational Readiness Punchlist Summary.....	1411
Goal:	All Reviewed

## **Glossary of Nuclear Terms**

**ACR -- Adverse Condition Report** -- The means by which an employee reports a condition adverse to plant performance and other station matters. These can range from equipment malfunctions to employee performance issues to the physical condition of equipment.

**ACR 7007** -- An event response team report, dated 2/22/96, issued by Northeast Utilities exploring the reasons for a loss of design control at Millstone Unit 1. Design control refers to the entire process by which plant design changes are made and then documented. For instance, a "loss of design control" may mean there are pieces of documentation missing.

**AR -- Action Request** -- The AR provides a means to track ARCs and other work. It is a part of the ACR process that spells out the actions which will be taken to resolve the ARCs.

**10CFR50** -- NRC regulations pertaining to domestic licensing of nuclear production and utilization facilities.

**CMP -- Configuration Management Program** -- A document that describes all actions NU is taking to ensure that the designs of its Connecticut nuclear plants are in conformance with NRC requirements and is accurately documented.

**DBDP -- Design Basis Documentation Package** -- This a package of documents that describe the design information for individual plant systems.

**ECP -- Employee Concerns Program** -- An avenue by which employees can raise a concern, as well as the department which would investigate/remedy that concern. It was previously named the NSCP. Employees may raise a concern with their supervisor, with a ECP Peer Representative, with the ECP, directly to any member of the nuclear management team or directly to the NRC at any time.

**EOP -- Emergency Operations Procedure** -- These procedures are required by the NRC for all nuclear power plants and, in great detail, provide specific instructions for handling emergency situations which could arise.

**50.54(f)** -- Nuclear Regulatory Commission regulation that requires a nuclear facility to provide background information regarding plant procedures and to provide reasonable assurances that the future operation of each unit will be conducted in accordance with the terms of the license, NRC regulations and the FSAR. NU's response to this letter provides the NRC with the basis for taking further regulatory action.

**50.59s** -- This is an NRC regulation that governs the conduct of safety evaluations.

**FCAT -- Fundamental Cause Assessment Team** -- The FCAT was established to determine the fundamental cause of the decline in performance of NU's nuclear program. The report has been docketed with the NRC and is available in the public document rooms.

**FSAR -- Final Safety Analysis Report** -- A description and safety analysis of the plant. This document is required prior to issuing a plant an initial operating license and must be modified as a result of subsequent physical changes to the plant.

**FPI -- Failure Prevention and Investigation Inc.** -- A highly specialized company based in San Clemente, CA, that studies nuclear power plants, their cultures and operations as a way to help utilities improve their performance.

**GLs -- Generic Letter** -- A NRC letter usually requesting information from licensees to demonstrate that they are in compliance with specific NRC requirements.

**IE Bulletins** -- A NRC bulletin requesting licensees to take actions which are necessary to achieve or continue compliance with current regulations. No new requirements are imposed by a bulletin.

**INs -- Information Notice** -- A NRC letter that alerts licensees to a condition which may be important to safety. It does not require a response to the NRC.

**Independent Corrective Action Verification Program** -- A program used to evaluate the effectiveness of corrective actions conducted by a third party "independent" team.

**INPO -- Institute for Nuclear Power Operations** -- An industry organization whose mission is ensuring safe operations of nuclear plants.

**ISP -- Improving Station Performance plan** -- The ISP is the plan submitted to the NRC in early 1995 describing planned actions to improve performance at Millstone. The remaining elements of the ISP are incorporated in the Nuclear Excellence Plan.

**JUMA -- Joint Utility Management Audit** -- This is an audit of the quality assessment department conducted by representatives from other utilities.

**KPI -- Key Performance Indicators** -- KPIs are a tool to measure performance of the plants. KPIs include such things as a downward trend in the quickness to respond to employee concerns.

**Leadership Management Training** -- Training given to employees to develop managerial and leadership skills.

**LER -- Licensee Event Report** -- a report submitted to the NRC informing them of certain events as defined by regulation.

**MCB -- Main Control Board** -- The panels in a control room that indicate plant status and allow the operators to control equipment in the plant.

**MP3 LPSI -- Low Pressure Safety Inspection System** -- This is one of the safety systems that would, in case of emergency, pump water into the reactor to keep it cool.

**MEPL -- Material & Equipment Parts List** -- This lists all structures, systems and components that are safety related. NU's Quality Assurance Program applies to all of them.

**NCAT -- Nuclear Committee Advisory Team** -- A team formed in May 1996 to assist Northeast Utilities' Nuclear Committee of the Board of Trustees in evaluating the performance of NU's nuclear program. The NCAT commissioned the FCAT study and report.

**NSCP -- Nuclear Safety Concerns Program** -- NSCP is an avenue by which employees could raise nuclear safety concern and by which those concerns were investigated. This is now the new Employee Concerns Program (ECP).

**NSAB -- Nuclear Safety Assessment Board** -- A senior level safety review board that includes NU officials as well as representatives from other utilities and outside consultants.

**NSARC -- Nuclear Safety Audit Review Committee** -- A senior level safety review board based at Seabrook Station that includes NU officials as well as representatives from other utilities and outside consultants.

**Nuclear Oversight** -- Department responsible for safety and oversight of nuclear at all five of NU's nuclear facilities. The ECP is a department within nuclear oversight. Nuclear oversight supplements every employee's commitment to and responsibility for safe operations.

**OIR -- Open Item Report** -- a report that reviews a potential discrepancy between FSAR testing guidance and actual implementation procedures.

**ORPI -- Operational Readiness Performance Indicators** -- Measurements that must demonstrate satisfactory performance, or at a minimum, demonstrate satisfactory performance trends prior to restart. These indicators will be presented to the NRC and must be reviewed and approved prior to restart.

**ORP -- Operational Readiness Plan** -- The document that specifies responsibility and action items that must be completed before Millstone 3 restart. The ORP will spell out the ORPIs to be reviewed and approved prior to restart.

**PEO -- Plant Equipment Operator** -- Individuals who operate plant equipment such as valves and switches.

**PORC -- Station/Plant Operations Review Committee** -- A committee chaired by a nuclear unit director. At NU's Millstone 3, the chairman is Mike Brothers. It reviews design changes and looks for safety issues.

**Punch List** -- A list of actions that need to be completed before a given event, for instance, prior to startup.

**PUP -- Procedure Upgrade Project** -- A program designed to improve plant procedures by making them more user-friendly.

**QAS -- Quality Assessment Services** -- This is the department within Northeast Utilities responsible for quality assurance activities. These activities include audits and inspections.

**RCA -- Radiological Control Areas** -- These are areas inside the plant where specialized procedures and processes are in place to minimize radiological exposure.

**SALP -- Systematic Assessment of Licensee Performance** -- This is a NRC "report card" on a nuclear plant.

**SBO Diesel -- Station Blackout diesel generator** -- A generator that would supply power to certain safety components at a unit in case of a widespread blackout in which the two other backup Emergency Diesel Generators also fail, a highly unlikely event.

**SORC -- Station Operations Review Committee** -- This committee reviews station-wide safety related activities.

**SSA -- Safety System Assessments** -- Northeast Utilities in-house diagnostic tool which reviews operations of a specific safety system.

**SSFI -- Safety Systems Functional Inspection** -- A comprehensive diagnostic tool which reviews operations of a specific safety system.

**ST&I -- Surveillance Test and Inspection** -- Activities performed to ensure the condition and operation of equipment meets established standards.

**Temp Mods** -- These are temporary modifications to plant systems that are made in place of permanent modifications until such times as the permanent modifications can be made. Lifted leads and by-pass jumpers are examples of temporary modifications.



**NRC HANDOUTS**

# **INDEPENDENT CORRECTIVE ACTION VERIFICATION PROGRAM**



**Gene Imbro  
U.S. Nuclear Regulatory Commission  
September 24, 1996**

## **PURPOSE OF ICAVP**

- ASSIST NRC IN ASSESSING THE EFFECTIVENESS OF NNECO PROGRAMS IN IDENTIFYING AND CORRECTING PROBLEMS
- THE NRC'S ICAVP OVERSIGHT WILL VERIFY ON A SAMPLE BASIS THE THOROUGHNESS OF THE ICAVP REVIEW AND THE VALIDITY OF THE ICAVP CONCLUSIONS

## **ICAVP INDEPENDENCE**

### **REVIEWING ORGANIZATION**

- NO FINANCIAL INVOLVEMENT WITH NU
- NO CURRENT INVOLVEMENT AT THE UNIT BEING REVIEWED

### **TEAM MEMBERS**

- NO FINANCIAL INVOLVEMENT WITH NU
- NO PRIOR INVOLVEMENT WITH THE UNIT BEING REVIEWED

## **ICAVP INDEPENDENCE cont'd**

### **PROGRAM CONDUCT**

- **NRC TO SELECT SYSTEMS**
- **INDEPENDENT REVIEW CONDUCTED IN THE OFFICES OF THE REVIEW ORGANIZATION**
- **COMMUNICATIONS PROTOCOLS**
- **DUAL REPORTING OF FINDINGS TO NRC AND NNECO**
- **STATE AND NUCLEAR ENERGY ADVISORY COUNCIL OBSERVATION OF NRC OVERSIGHT**

## **ICAVP ATTRIBUTES**

- **NRC WILL APPROVE THE ICAVP TEAM AND REVIEW PLAN PRIOR TO IMPLEMENTATION**
- **COMPREHENSIVE REVIEW OF SELECTED SYSTEMS THAT WILL BE CONDUCTED BY AN INDEPENDENT REVIEW ORGANIZATION**
- **BEGIN AFTER NNECO HAS COMPLETED THE PROBLEM IDENTIFICATION PHASE OF THE CONFIGURATION MANAGEMENT PROGRAM FOR APPROXIMATELY ONE-HALF THE RISK SIGNIFICANT SYSTEMS**



## **ICAVP SCOPE**

- **ALL MODIFICATIONS MADE TO THE SELECTED SYSTEMS SINCE INITIAL LICENSING**
- **WILL INCLUDE:**
  - **REVIEW OF ENGINEERING DESIGN AND CONFIGURATION CONTROL PROCESSES**
  - **VERIFICATION OF CURRENT PLANT CONFIGURATION AGAINST DESIGN AND LICENSING BASES DOCUMENTATION**
  - **VERIFICATION THAT DESIGN AND LICENSING BASES HAVE BEEN TRANSLATED INTO REVISED PLANT PROCEDURES**
  - **VERIFICATION OF VALIDITY OF TEST DATA TO REPRESENT SYSTEM PERFORMANCE AFTER PLANT MODIFICATIONS**
  - **REVIEW OF CORRECTIVE ACTIONS**

## **NRC ICAVP OVERSIGHT**

- REVIEW ON A SAMPLE BASIS THE MATERIAL REVIEWED BY THE ICAVP CONTRACTOR TO VERIFY THEIR RESULTS/CONCLUSIONS
  - WALKDOWNS OF THE SELECTED SYSTEMS
  - DESIGN CALCULATIONS AND 50.59 EVALUATIONS
  - TEST DOCUMENTATION TO VERIFY SYSTEM PERFORMANCE
  - REVIEW PLANT PROCEDURES
  - REVIEW LICENSED OPERATOR TRAINING ON PLANT MODIFICATIONS
  - REVIEW POST-MODIFICATION TESTING

## **NRC ICAVP OVERSIGHT CONT'D**

- PUBLIC VISIBILITY OF NRC OVERSIGHT PROCESS
  - STATE AND ADVISORY COUNCIL INVITED TO OBSERVE NRC TEAM INSPECTION PROCESS
  - MULTIPLE NRC/NNECO MEETINGS OPEN TO PUBLIC
    - \* ICAVP PROCESS (SEPTEMBER 24)
    - \* AUDIT PLAN
    - \* ICAVP EXIT MEETING
    - \* PERIODIC STATUS MEETINGS
- REVIEW AND APPROVE INDEPENDENT ORGANIZATION, QUALIFICATIONS OF INDIVIDUAL REVIEWERS AND REVIEW PLAN
- REVIEW OF CORRECTIVE ACTIONS ON SELECTED SYSTEMS
- PUBLIC EXIT MEETING
- INPUT TO NRC'S RESTART DECISION MAKING PROCESS

## **CONDUCT OF NRC OVERSIGHT**

- **FOUR PHASE INSPECTION PROCESS OF NNECO'S ICAVP**

1. **INSPECT SCOPE, AUDIT PLAN, INCLUDING QUALIFICATIONS/INDEPENDENCE OF REVIEWERS AND CONTRACTOR PRIOR TO INITIATION OF ICAVP**
  - **APPROVE AUDIT PLAN**
2. **CONDUCT SYSTEM WALKDOWNS**
3. **IN-PROCESS INSPECTION OF INDEPENDENT CONTRACTOR**
4. **REVIEW OF SPECIFIC AND GENERIC/PROGRAMMATIC CORRECTIVE ACTIONS FOR FINDINGS IDENTIFIED BY ICAVP TEAM AND NNECO REVIEWS**

**PETITION**

We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

Name	Address
Frank C. Logan	76 Corey Lane - 6 - Niantic
Betty J. Straub	82 E. Pottagansett Rd Niantic CT
Bernadette	7 Ocean Ave.
Barbara Williams	12 Atlantic St. Niantic
Margaret Reilly, Jandrey	18 Spencer Pike, Niantic
Barbara Oak	35 Grand St Niantic CT
Kristin L. Behea	35 Grand St Niantic CT
Deborah Horwin	17 Saunders Dr. Niantic CT
Wanda Paulskins	11 171 Upper Pottagansett Rd CT
Anne Buckley	64 E. Lyme
Larry Duggan	176 Upper Pottagansett Rd E. Lyme CT
John T. Tonde	4 Paula Lane Waterford
Vania D. Amelio	952 N. Bridge Brook Rd E. Lyme, CT
Robert M. Muehle	30 Grant Map Rd. Waterford CT
Anna S. Muehle	651 Vauhall St East Waterford Ct.
Steve Becker	20 Alexander Dr. East Lyme CT
Marb E. Goble	20 Alexander Dr. East Lyme CT 06336
Alexia Dion	23 Monwarling Rd. Waterford CT 06360
MARY LAVIN	26 Alexander Dr. E. Lyme CT 06333
Jim J. Smith	140 Oil Mill Rd. Waterford CT 06385
Kim Brackett	11 Waterwheel Rd. E. Lyme CT 06333
Christine J. Cammisa	12 Maplewood Dr. East Lyme CT 06323
Mike Katolo	11 Plant Pot Rd. East Lyme, CT. 06353
Bobbi S. Muehle	83 Walnut Hill Rd E. Lyme CT 06333
James J. Jorgallo	97 W. Main St. Niantic 06357
Valley W.	5 Brook Rd. Niantic 06357
Al Sperry	Box 203 Niantic CT
Franklin Reynolds	Edmund St Niantic CT
John Reynolds	8 Smith St Niantic
Robert J. Smith	16 South Dr. Niantic



We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

Name

Address

Sharon E. Shalloo	32 Sandra Dr. Westbury, CT 0689
Myra Ann Ellis	86 Old Blauvelt Rd Niantic CT 06357
Brenda Williams	20 Village Dr East Lyme, CT 06333
Amanda Zawacki	Waterford, CT
Shari Carr	8 Duck Drive, E Hampton, CT 06424
Sandra Bean	3 Chrysalis Rd Lebanon, CT 06249
Melissa Hart	3 Day Drive Old Saybrook, CT 06475
Karen DeLo	22 Nottingham Dr Old Lyme, CT 06371
M. G. B. B. B.	44 Park Rd Old Lyme, CT 06371
Linda Ferguson	27 CHEPPY ST. Niantic, CT 06357
<del>Barbara Harris</del>	
Walter Starnes	116 South Drive Niantic, CT 06357
William A. Wood	12 Lake Hill Dr Niantic, CT 06357
Ch. Martin	30 Gurley Rd. Apt A. East Lyme, CT 06333
Robert J. D. M. G.	3 Ancient Hwy East Lyme, CT 06333
John Sten	107 Webster Rd East Lyme, CT 06333
Cheryl B. B.	116 Mayfield Terrace East Lyme, CT 06333
Patricia Minnick	314 Broad St East Lyme, CT 06333
Sally Dodge	49 Walnut Hill Rd East Lyme, CT 06333
Henry Linski	184 Gardner Ave New London, CT 06320
Shirley C. McSwath	10 Cornish Dr New London, CT 06320
Beckie Spiller	74 River Side Drive Versailles, CT 06383
Edith Fleck	Waterford, CT
H. H. H. H.	3 Crest Dr Waterford, CT
Marilyn Hahner	34 Christwood Trace Hedgeland, CT 06333
Barbara Beebe	12 Fern Ct E. Lyme, CT 06333
Betsy Robson	19 Graham St, Waterford, CT 06385
Jody Jeffers	204 Howard St, NL, CT 06320
Joe Harper	63 Case St Norwich, CT 06360
	22 Sapia Dr Niantic, CT 06357

We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

<u>Name</u>	<u>Address</u>
Carol Besade	21 Fifth Ave Wethersfield, CT
Walter G. Gajowski	15 Billow Rd Niantic CT
Barney Ferguson	28 MILLSTONE RD WEST - WATERFORD
H. Edwards	12 Sunrise Dr. Blk Pt.
Roy Smith	36 Church Lane East Lyme CT 06333
Roger Redhead	6 Woodland Dr Niantic, CT
Delme Ebling	29 Oak Hill Rd Niantic, Ct.
Barbara May	23 Prospect Ave Niantic, Ct
James Kirby	11 Ferns Dr. E. Lyme, CT.
Howard W. Lora	184 Pine St Niantic CT
Clarence Friedman	31 W. Main St - Niantic, Ct.
Gladys H. Livingston	5 Spencer Ave Niantic, Ct
Barbara Rogers	757 Calverton Rd Niantic
Chloe M. Nelson	11 Quarry Dock N. Niantic
James Keller	15 First St. WATERFORD, CT
Leis Ball	191 Upper Post Road East Lyme
Edmond	508 Smith St Niantic Ct
Frank J. Gaudin	3 Eastwood St WTRD, CT.
Frances F. Bucci	12 Goodwin St E. Lyme
Samuel P. Bucci	12 Goodwin St Niantic Ct.
Margaret Wilcox	2 Lakeview Cir. Niantic, Ct
Robert E. Schulte	2 Schenck Ave Niantic Ct
John Schulte	323 Boston Post Rd Niantic
Josephine L. Kelly	7 York Ave Niantic Ct 06357
John Gaudin	1011 Niantic Ave CT 06498
John Gaudin	38 Crystal Ave Apt 12 Niantic CT 06320
Joseph Selden JR	190 Roxbury Rd, Niantic, Ct. 06357
John Selden JR	190 Roxbury Rd Niantic Ct 06357
Arthur E. Green	45 Hope St Niantic, Ct 06357

We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

Name	Address
DEROAN BERKE	11 Quarry Dock Rd Niantic
Marilyn S. Mac Morrow	14 Bayside Avenue Waterford
PL Mac Morrow	14 Bayside Ave. Waterford
Mrs. M. L. Lantieri	39 Weyhill Rd Waterford,
Angie Varo	Niantic Ct.
Rose Caruso	Niantic Ct.
A. M. Canelli	Niantic
Carolyn J. Lantieri	Waterford, Ct.
Josephine Lantieri	11
Jane Carrigan	22 Old Brick Pt Rd Niantic
Agnes M. Muzzigle	8 Hawthorne Rd Ct.
Annabel Briggs	5 Hawthorne Rd Pt Rd
Glady Nulmes	15 Tanager Dr. Niantic Ct.
Robert N. Rue	13 Pennacone Rd Niantic Ct
John Duncanson	15 Pontiac Dr Niantic
John Duncanson	81 E. Putnam St Rd Niantic
D. J. J. J.	381 Rope Farm Rd Waterford
John Duncanson	11 Brook Rd Niantic Ct 06357
John Duncanson	72 Westfield Terr Middletown Conn 06457
John Duncanson	4 Dell Lane Niantic Ct 06357
Mary Gada Cutello	Niantic Ct
Robert H. Roberts	103 L. Jones Ln. East Lyme, Ct. 06333
Mary Ann Flynn	Waterford, CT 06385
Robertson	14 Quarry Dock Rd Niantic
John J. J. J.	147 E. Main St Niantic, Ct.
Richard H. H. H.	167 E. Main St. Niantic, Ct.
John J. J. J.	140 Brook Brook, Niantic Ct
John J. J. J.	3 Ridgeway Rd East Lyme.
Robert H. H. H.	8-10 River St Waterford.

We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

<u>Name</u>	<u>Address</u>
Patti Hoyer	22 Sapia Da Niantic
Jeanne Jefferson	122 Arrowood Dr. Groton
Timothy B. G. Jr.	3 Ancient Hwy East Lyme
Mail Boxes	75 Walnut Hill Rd East Lyme
Sandra Jones	13 Chadwick Dr. Old Lyme
Gregory Harker	45 South Edgewood Rd, Niantic
Wendy West	6 North Ave Niantic Ct.
Simon V. Vichich	4 Meadow St Niantic Ct
Donna Vidar	793 Bunker St E. Hope
Bruce Christie	MYSTIC CT
Barbara Parish Gullini	149 EBBESFIELD ST WATERFORD, CT
Ruth R. de	136 Niantic River Rd. Waterford
Mr. & Mrs. J. Belliochi	6 Alford Road Waterford Conn
Deane J. J. J.	871 Charlesfield Rd. Waterford
Humane Center	3 Cypress Way Niantic
Marie Astle	7 Fairview Rd. Niantic
John J. J.	21 Laurel Hill Dr. Niantic
Lillian Silbursen	95 Clark Lane Niantic
James J. Coleman	11 S. Cabellera Ct. Niantic, CT.
John De Lynne	130 OBP Rd, Niantic CT
Maryann Arnold	8 Ingalls Lane Niantic CT 06357
Ian Kellie	816 E. Shore Dr. Niantic 06357
Jim Stron	134 Old Hill Pt Rd Niantic 06357
Deborah J. Knowles	17 Cherry St Niantic 06357
Robert Saligano	17 Cherry St. Niantic Ct. 06357
Cynthia Stadler	39 Colonial Dr. Waterford, Ct.
Patricia A. Dutka	374 Main St. Niantic, Ct
Steph Little	374 Main St Niantic, Ct





We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

Name

Address

<del>Eugene D'Amico</del>		<del>Moorhead CT</del>
<del>Michael Gray</del>		<del>Thomson CT</del>
<del>Robert S. [unclear]</del>		<del>[unclear] CT</del>
<del>Tom [unclear]</del>		<del>[unclear] CT</del>
<del>C. [unclear]</del>		<del>Orange CT</del>
<del>S. [unclear]</del>		<del>Waterbury CT</del>
<del>Rob. [unclear]</del>		<del>Lisbon CT</del>
<del>Richard [unclear]</del>	173 BROOKSIDE AVE.	<del>BALTIMORE CT</del>
<del>John [unclear]</del>	169 LITTLETON AVE, #2	<del>NEW LONDON, CT</del>
<del>John H. [unclear]</del>		<del>Norwich, CT</del>
<del>John [unclear]</del>	1279 NORWICH RD	<del>PLAINFIELD CT</del>
<del>Charles [unclear]</del>	3 Kendall Rd	<del>Preston CT</del>
<del>Lorraine [unclear]</del>	80 Hallway Lane, Waterbury, CT	
<del>Doreen [unclear]</del>	11 Willow Rd.	<del>Uncasville CT</del>
<del>Sharon [unclear]</del>	32 Sari Ave.	<del>Waterford, CT</del>
<del>John [unclear]</del>		<del>Canterbury CT</del>
<del>Marianne [unclear]</del>		<del>New London CT Sept 12, 1996</del>
<del>John [unclear]</del>		<del>Plainfield, CT 9/12/96</del>
<del>James [unclear]</del>	60 Thomas Heydeshage	<del>Groton CT 9/12/96</del>
<del>William [unclear]</del>	4 Parkwood Drive, [unclear] CT	<del>9/12/96</del>
<del>William [unclear]</del>	150 Shore Rd.	<del>Waterbury CT 9/12/96</del>
<del>James [unclear]</del>	10 Beech Rd.	<del>Waterbury CT 9/12/96</del>
<del>James [unclear]</del>	9 Foggarty Rd.	<del>Waterbury CT 06351</del>
<del>John [unclear]</del>	15 S. Howard St.	<del>Waterbury CT 06382 9/13/96</del>
<del>John [unclear]</del>	600 [unclear]	<del>Groton CT 06340 9/13/96</del>
<del>John [unclear]</del>	430 Edmond	<del>Thomson, CT 06351 9/13/96</del>
<del>John [unclear]</del>	502 Plain Hill Rd	<del>Norwich CT 06360 9/13/96</del>
<del>John [unclear]</del>	360 Thomas St.	<del>Groton CT 06340 9/13/96</del>
<del>John [unclear]</del>	7 Bayville Ave.	<del>Waterbury CT 06385 9/13/96</del>

We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

Name	Address
Gary F. Verdoni	29 Palmer Rd. WATERFORD, CT. 06385
John H. King	2 Valley St. Waterford Ct. 06385
WV	27 Palmer Rd. Waterford CT 06385
Sarah B. King	27 Palmer Rd. Waterford, CT 06385
Natalie C. King	2 Valley St. Waterford, CT 06385
Robert F. Verdoni	29 Palmer Rd. Waterford, CT 06385
Willy King	1741 10th St. Waterford, CT 06385
David J. King	875 Old Cemetery Montville 06370
WV	Sunset Lake Bolton, MA 06043
William B. King	2 Maple Ct. Franklin CT 0654
Young Ben Lee	#294 CHILWICK CASTLE RD BROTON CT 0639
William B. King	26 New York Rd.
John King	41 FERRINGTON AVE NORWICH CT 06360
WV	351 HARTFORD RD GREEN CT 06385
James B. King	45 SHAW ST NEW LONDON 06330
Donna King	742 Norwich Rd Plainfield, CT 06374
Donna King	73A School St Norwich CT 06360
James B. King	103 Ashford Rd. Plainfield CT 06374
Vicki Love	45 Pearl St Norwich, CT 06360
Barry Hancock	72 W. H. St. W. Haven CT 06516
Joel Shmuck Karelli	60 Jump St Green Bay Wisconsin
Bert Albus	57 Canterbury road Mastic, NY 06385
Osmeel Bel	59 Norman Rd Norwich CT 06360
David King	20 Marilyn Road WFD CT 06385
Mary White	14 Shadyfield Ln Gro 06382
James B. King	44 Bruce Dr. Manch 06040
James B. King	45 Pearl St Norwich CT 06360
Andy Stron	76 West St Grover, CT 06232
Robert W. King	17 Mackenzie Rd 06385



We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

Name

Address

WILLIAM DE FOSSES		9 LARK ST WATERFORD, CT
PETER OVERDURFF		44 GURLEY RD, WATERFORD, CT
KENNETH LANDRY		53 STONEYHILL DR, NIAHLE, CT.
Ruth Simon		9 Gouding Dr. WATERFORD, CT
HARVEY QUACKENBUSH		154 MONUMENT ST GROTON CT
Sammy Caputo		150 Shann Rd Wlfrd.
Anthony		4 Reed Ave Wlfrd
Diana Murphy		9 Candlewood Dr. Norwich 9-13-96
Leann Reynolds		182 LILTON AVE GROTON CT
Rob. Mayhew		280 SEVEN ST. DANIELSON, CT.
Rob m/Rob		18 Glenwood St North Branford Ct
KIM MARIE PHEA		19 Baldwin St Unassville
Branta Collins		41 DR. NOTRD FRANKLIN CT
Erin Falman	9-13-96	161 Sheraton Ln. Norwich ct
Beth Way	9-13-96	211 Pickard Lake Rd. Colchester CT.
Sharon Leach	9-13-96	60 Lincoln Ave Cpt. J. Colchester CT
Alexandra Doraback	9-13-96	199 Church ST, Willimantic, CT, 06226
ALEXANDRA RANGACE	9-13-96	10 HARTWICK RD. QUAKERTON CT 06370
JOHN Riley	9-13-96	8-2 East Baltic ST Norwich CT
Leah Stevens	9-13-96	555 Forum Rd Colchester CT
Christina Melano	9-13-96	119 Steep Hill Rd. Unassville CT.
John Taylor	9-13-96	36 Williams St Norwich CT.
Wayne Ayler	9-13-96	57 Liberty St Norwich CT.
Wayne Davis	9-13-96	4 Elm Ave Norwich CT.
Al Tarrance	9-13-96	240 E Wedgwood Jewett City 17
Steph Van	9-13-96	930 Stratton Rd. Pawcatuck, CT. 06379
Samuel Givida	9-13-96	100 Foster St. New Haven CT 06511
Frank & Susan Dr	9-13-96	184 Bissell Street, Manchester, CT 06040-5349
Kristin Johnson	9-13-96	27 Liversview Ave Groton CT 06340
Mike Korpita	9-13-96	59-37 West Washington St.
Linda Vincent	9-13-96	20 Bundy Hill Lisbon, CT
Veronica Luthwardt	9/13/96	50 Melrose Park Rd

We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

Name		Address
Kirk Tupper	9/13/96	P.O. Box 112 Winsted, CT 06385
Mark Cantieri	9/13/96	32 Kilmannig Rd. Uncasville CT.
Joseph J. DeLoe	9/13/96	38 Mt. View Dr. Norwich
Heather Hendrickson	9/13/96	867 Vauxhall St. ext. Quaker Hill
Cathy Bran	9/13/96	3 Redwing Rd. Enfield CT
MICHAEL GIOVARE	9-13-96	41 MAPLE AVE EXT. UNRAVILLE CT.
Pete Turchio	9/13/96	782 Hopewell Rd. Southbury CT.
Dax Bedingfield	9/13/96	19 W. Street Apt. #1 New London CT.
Steve Blanton	9/13/96	188 Kimball Rd. Lisbon CT 06257-23
Denise A. Sharkey	9-12-96	100 Cornet Brown Rd. Norwich CT
Jane Keane	9-13-96	416 Arrowhead Dr. Griswold CT
Michael Whislet		134 B. Chestnut St. 06361
Bob Muller	9/13/96	144 Chestnut & Main Colchester CT.
Michelle Ziakas	9/13/96	4 Sunnyside Dr. Naugatuck CT 06455
Charles Hinton	9/13/96	66 Franklin St. NL CT 06320
Mildred Palt	9/13/96	Voluntown, CT 06384
Cathy Cullen	9/13/96	18 Babcock Ave. Plainfield CT.
James Slattery	9/13/96	6 Danglewood Lane Voluntown CT
Sam Palt	9/13/96	140 Fire Tower Pambet Center CT 06259
Barbara Hareau	9/13/96	354 Bartlett Rd. - Q.H. CT 06321
Jennifer Harris	9/13/96	10 KIRK RD. PRESTON CT 06360
Ed Collins	9/13/96	Uncasville CT 06382
Wendy Wallace	9/13/96	Quett City CT 06351
Michelle Lawson	9-13-96	P.O. Box 70 Quaker Hill, CT 06325
Bonnie O'Brien	9-13-96	349 Boston Post Rd. Waterford
Jean Whisett	9-13-96	33 Kupper Bartlett Rd. Quaker Hill 06325
Jane Wickham	9/13/96	7 Main St. NL CT 06320
Vincentella Kundle	9/13/96	59 LEITAO DR OAKDALE

We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

Name	Address
Arthur R. King, Edna R. King	292 Pequot Ave New London Ct
Loretta Pollock	292 Pequot Ave #3B New London
Koheta Wome	292 Pequot Ave #1-N New London, Ct
B. Carocari	13 Dunbar Rd Quaker Hill Ct
J. Carocari	13 Dunbar Rd Quaker Hill Ct
Anna Maloatian	20 Dunbar Rd Quaker Hill
Markay Maloatian	20 Dunbar Rd Quaker Hill
LISA PERLIN LISA PERLIN	271 Glenwood Ave New London Ct 06320
Jean Mitchell	154 Watson Rd, Preston CT 06365
Marian Chatfield-Taylor	519 Taugwonk Rd. Storington, CT. 06375
Linda Blair	57 Bloomingdale Rd. Quaker Hill CT 06375
JOHN SARGENT	57 Bloomingdale Rd Quaker Hill CT 06375
HOBBART MITCHELL	57 Watson Rd. Preston, CT 06375
Cecil L. Tibber	3 SUNNYSIDE CT, WATERFORD.
Wendy Venditto	292 Pequot Ave, New London 06320
Lynda Greenberg	35 Admiral Dr., N.H. 06320
Felix Huchelst	8 Mansfield Rd, N.H. Ct
Korabel Mallove	28 Mallove St N Ct
Gene Moran	123 Pequot Ave. N.L. Ct.
Paul M. Nam	123 Pequot Ave N.L. Ct
Andrew H. Shanon	234 Montauk Ave. New London Ct.
Patricia Gombos Fox	178 DOWLINGTOWN RD WATERFORD CT 06385
C. J. Fox	178 DOWLINGTOWN RD, WATERFORD CT 06385
Merrill Logan Merrill Logan	121 Pequot Ave N.L. Ct 06320
Bernice Whaley	95 W. Main St. Niantic, Ct. 06357
Linda C. Thirder	11 Northwood Rd Quaker Hill, CT 06375
Paul J. Mank	103 Lamphur Rd. Niantic Ct. 06355
Estelle H. Meeks	103 Lamphur Rd Niantic Ct. 06355
Raven Ethel-Waring	306 Packard Rd Mystic Ct 06355



We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

Name

Address

LuAnne Kneeland	9 Oak Rd Wtfd
Mrs M. Roberts	12 Johnson Ct Wtfd
James E. Roberts	55 Spring St. Wtfd
Lorraine Kneeland	9 Oak Rd Wtfd
Valerie B. Roberts	1796 Mill Rd Wtfd
Carrie D. Nye	2755 Burnham Hwy. Lisbon, Ct.
W. Brandt	101 Summer St. N.H.
Cynthia Battista	124 Great Neck Rd. Wtfd
Michael L. Lavoie	110 Quarry Rd Wtfd
Robert H. Lavoie	159 Hawthorne Dr. 836 Wtfd
Michael E. Ford	159 Hawthorne Dr. Wtfd
Irvine Ramon	560 Jefferson Ave
Alta Cloth	110 Wtfd
Greg L. Lavoie	49 Wtfd
Tom C. Lavoie	30 Ridgewood Ave Wtfd
Phyllis M. Ryan	11 Pine Island Rd Wtfd
Paul H. Lavoie	151 Tremont St Boston MA 02111
John L. Lavoie	33 Boston Post Rd Wtfd
John L. Lavoie	11 Wtfd
John L. Lavoie	83 Boulder dr.
John L. Lavoie	84 Boulder dr.
John L. Lavoie	83 Boulder dr.
John L. Lavoie	274 Norwich N. Tpke Wtfd
John L. Lavoie	239 Ocean Ave N.H.
John L. Lavoie	89 Bloomingdale Rd Quaker, N.H.
John L. Lavoie	17 THAMES ST New London, Ct.
John L. Lavoie	89 Bloomingdale Rd Wtfd
John L. Lavoie	30 Ridgewood Ave Wtfd
John L. Lavoie	36 Glenwood Ave New London, Ct.

We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

Name	Address
Charles S. Jorgensen	42 Cove View Rd NL CT.
William J. Jorgensen	" " " "
Norman R. Butler	74 W Main St Waterbury Ct 06357
E. J. Jorgensen	HILLCREST RD. S. LYME, CT.
Regina Wilson	126 Hempstead St. NL
John W. Jorgensen	" " " "
John W. Jorgensen	290 Hillside Ct Waterbury
Thomas F. St. Maggie	82, Pillsbury St Waterford
James Kelly	4 W. Edmund Drive Waterbury
John Hall	12 Indian Valley Rd Waterbury Conn
John J. Jorgensen	5 Third Ave Waterbury Ct.
Jack Jorgensen	" " " "
John J. Jorgensen	" " " "
John J. Jorgensen	189 GREAT NECK RD WATERFORD
John J. Jorgensen	189 GREAT NECK RD Waterford
JOHN BASILICA JR	17 BRAINARD ST NEW LONDON CT 06320
KARL E BARUM	137 NIANTE RIVER RD WATERBURY CT 06385
MAURICE C. FREDERICK	339 Main St Waterbury
James Jorgensen	11 W. 12th St Waterbury, CT
James Butler	544 Vauxhall St East Waterford Ct.
John J. Jorgensen	12 Branan Rd. Waterford Ct
John J. Jorgensen	38 penny LANE NL
John J. Jorgensen	3 Bellair Rd. Waterford Ct
John J. Jorgensen	43 Bellair Rd. Waterbury
John J. Jorgensen	22 Nehantic Rd. E Lyme Ct
John J. Jorgensen	82 Water St New Britain Ct
John J. Jorgensen	9 Waller Ct NEW London
John J. Jorgensen	12 South Ave Waterbury CT
John J. Jorgensen	9 Waller Ct New London, CT

We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

Name	Address
Donna M. Tobias	9 Delta Ave. Waterford Ct.
Michael J. Gorman	7 Deerfield Rd. Wtfd. Ct.
Colin O. Vingo	60 Laurel Crest Dr. Wtfd. Ct. 06388
Erin J. Gorman	62 Brookfield Rd.
Patricia Hill	50 Sussex Rd. Waterford Ct.
Sandra Kean	24 Parkway So. New London Ct.
Robert L. Ambrose	10 Hanna St. Wtfd. Ct.
William M. Gidd	66 Olive St. Wtfd. Ct.
Christopher D. Wall	96 Rte 163 Uncasville Ct.
GP Gilpen	225 Great Neck Rd. Wtfd.
W. McNeill	51 Upper Satcham Rd. East Lyme
Robert	37 Lloyd Road Waterford, Connecticut
John	198 Boston Post Rd.
John L. Gilpen	198 Boston Post Rd.
William	33 Holmes Rd. EL 444-2205
Cecilia Stenier	14 Shore Dr. Wtfd. 444-1076
David Stenier	14 Shore Dr. Wtfd. 444-1076
Ray Spitzer	25 Arch St. Rd. New London
John Hallingworth	23 Rogers Hill Rd. Wtfd.
Renee Duncan	51 Nathan Hale Drive
Tom Smith	71 Bayton Rd. Waterford Ct.
Dean Reddody	41 Riverside Ave. Wtfd. 06385
Walter Edgar	29 Pine St. Wtfd. Ct.
John Torab	193 Great Neck Rd.
Bill Carbone	358 Jefferson Ave. N.C.
John Lincoln	286 Niantic P. Rd. Wtfd. Ct.
Micella Smith	536 Vauxhall Street
Harold J. Pappalardo	5 Colonial Dr. Wtfd.
Paul J. Zencieglio	240 Ocean Ave. New London.



We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

<u>Name</u>	<u>Address</u>
Charles Linton	180 Great Neck Rd. Wtfd., CT.
Barbara Morrin	475 Harwinton Ave Torrington, CT.
Concetta Bealock	211 Woodward Ave. Madison CT
William J. Givens	9 N. Elm St. W. Hartford CT
Keller G. O'Leary	Box 100 Wtfd. CT
James J. Givens	300 Thompson St. East Haven CT
Ray J. Givens	145 Old Charter Rd. Groton CT
Stephen B. Morrin	195 Blaine Rd. Wtfd. CT
Peggy Shamplin	22 Jordan Cove Rd. Waterford 06381
Van Leabody	4 Bayside Ave Wtfd CT 06385
Barbara Dime	6 Bayside Ave. Wtfd. 06385
William J. Morrin	326 Union St. N. Say CT
Peggy MacLeod	100 Argyle Ave W. Hartford CT 06107
Dan Finger	18 Westwood Rd. W. Hartford CT 06117
James J. Givens	76 West Mountain Rd. Gillingville CT 06022
Thomas G. Givens	37 Saccarese Ln. Burlington CT 06013
Paul J. Givens	" " " " " "
James D. Petty	400 Seabury Dr. #5164 Bloomfield CT 06002
HENRY LINT	45 MTN. ST. HARTFORD CT 06106
Thomas McCormick	21 Haynes Rd W. Htfd, CT 06117
MICHAEL ACBRIZIO	57 GRAHAM RD, BROAD BROOK, CT 06016
PEG RYGLIZYN	57 GRAHAM RD, BROAD BROOK, CT 06016
James R. Morrin (NEWBERRY)	35 Ruby Street, New Haven CT 06515
Stephen Shepard	400 SEABURY DRIVE, Bloomfield, Ct. 06002
Dianne Reche	29 So. Main St. West Hartford, CT 06107
Donald Givens	137 Orchard Rd. Meriden CT. 06450
Fred Givens	137 Orchard Rd. Meriden CT 06450
Negina Blumen	270 Boston Road 121 Waterford CT 06385

We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

Name

Address

Mary Kuhn	MARY KUHN	11 Dunbar Rd Quaker Hill, CT 06375
Adam Morfeale	ADAM MORFEALE	118 NILES HILL RD. WATERFORD, CT 06385
Betty Wells	Betty Wells	" " " " " " " "
STEPHANIE DEGEN-MORRIS	STEPHANIE DEGEN-MORRIS	32 GRANDVIEW TERR ESSEX CT 06426
LEEWARD J. COLE-CHU	LEEWARD J. COLE-CHU	300 WATERFORD RD SALEM CT 06420-3816
CHARLES CHARPIELD-JAYLON	CHARLES CHARPIELD-JAYLON	519 TANGUENIC RD. STORINGTON CT. 06378
JANA NOYES	JANA NOYES	16 HEMPSTEAD CRT NEW LONDON CT 06370
Joan Warren	Joan Warren	9 Tenon Ave, Noank 0634
Judith A Kuhn	Judith A Kuhn	24 Fort Street Groton, CT 06340
L'Ana Burton	L'Ana Burton	12 Fisher's View Dr. Noank CT. 06341
Mark Kuhn	Mark Kuhn	34 Fort St. Groton, CT. 06340
Robert C. Waller	Robert C. Waller	107 Parkway So, New London - 06320
Reg. Waller	"	" " " " " "
CAMILLE C. HANLON	CAMILLE HANLON	12 MEADOW DR., WATERFORD,
William Vernon	William Vernon	3 Dunbar Road Quaker Hill Ct. 06375
Ben E. Weston	Ben E. Weston	1 Dunbar Rd Q.H. 06375
Sherburne H. Stidole	Sherburne H. Stidole	119 Old Norwich Rd. Q.H. 06375
James A. Stidole	James A. Stidole	119 Old Norwich Rd, Q.H. 06375
Taylor Taylor	Taylor Taylor	10 Dunbar Rd Quaker Hill CT 06375
Carol C. Lagat	Carol C. Lagat	7 Dunbar Rd. Quaker Hill, CT. 06375
Stephen Lagat	Stephen Lagat	7 Dunbar Rd Quaker Hill, CT. 06375
Joan Lawrence	Joan Lawrence	23 Dunbar Rd Quaker Hill, CT 06375
Paul I. Henry	Paul I. Henry	130 Miller Rd Preston, CT 06365
Paul R. Kaiser	Paul R. Kaiser	8 Thayer St. New London, CT 06320
Kelly Putz	Kelly Putz	202 Preston Allen Rd, Baltic, CT 06330
Wendy R. Dreyer	Wendy R. Dreyer	23 Dunbar Rd. Q.H. CT. 06375
Wendy R. Dreyer	Wendy R. Dreyer	27 Dunbar Rd Quaker Hill CT 06375
Michael Sullivan	Michael Sullivan	14 Dunbar Rd Quaker Hill 06375
Luan Sullivan	Luan Sullivan	14 Dunbar Rd Quaker Hill 06375

We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

Name

Address

Tony Chasso	594 VAUXHALL ST EXT WATERFORD CT.
Richard Page	25 Prospect St. West Haven Ct.
John J. Silva	109 Spithood Rd. Waterford, Ct. 06388
Ernie Graham	181 Shaw St. Apt 3 N. Ct. 06320
Robert F. Libby	109 Spithood Rd. Wtd. Ct. 06388
Bob Deaton	594 Vaux Hall St Waterford Ct
Barbara LeBlanc	4 Meach Ave Groton
Annalyn Roberts	611 Ocean Ave N.L.
Angela M. Mearns	611 Ocean Hwy N.L.
David Woodbury	1 Nathan's Ave. Ct
John P. Lynch	328 Mainline Ave. Groton Ct
John J. O'Connell	156 Pennsylvania Niantic Ct
Michelle Allen	604 MOUNTAIN Ave N. Ct. 06320
John J. Murphy	31 S. SPRINGWOOD, Ct. Niantic
Karen H. Murphy	31 S. Edwards Rd Niantic
Dixie K. Martens	K.O. W. Hartford Ct 06119
Valentina Kravtshok	W. Hartford Ct 06119
Mrs. + Mrs. Francis B. Feten	355 Port Rd, Wtd. Ct.
JAMES BUNI	11 CASTLETON ST TAMAICA FLAM, FL
Charles J. Lally	431 GAY Hill Rd Hallowville, Ct 06388
Robert C. Baur	" " "

We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

<u>Name</u>	<u>Address</u>
Jay M. Crane	Niantic, CT
Bob Brown	" "
Bill Tombari	Niantic, CT
Stella Black	Niantic, CT
W. J. [unclear]	Niantic
John [unclear]	"
Jonathan Vandy	Waterford, Conn.
Robert W. Wilson	Niantic, CT
LoAnn Wilson	Niantic, CT
Nancy C. Aubrey	Niantic, CT
Lillian Wilson	Niantic, CT
Patricia Eaton	Niantic, CT
Kenneth Eaton	Niantic, CT
Robert [unclear]	Myrtle, CT
Mary B. Reed	New London, CT
Lori Rivera	Saybrook
MERRITT BALL	GROTON
Maria Bottinelli	Watford
Ellen [unclear]	New London, CT
Bob [unclear]	51 Hamner Vernal Rd BALTK
Phil [unclear]	51 Hamner Vernal Rd BALTK CT 06330
Catherine Schuch	16 Hopkins Dr. Niantic, CT. 06357
Glenn Cheney	Hamover, CT 06350
Kathleen Swensen	5 Indian Valley Dr WTR=10
Jane [unclear]	456 Main St. Niantic



We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

<u>Name</u>	<u>Address</u>
Paul Ely	10 Rosemary Ln. Q.H. CT. 06375
Lori Holloway	9B Lakeview Hgts, Niantic, CT 06357
new Ely	10 Rosemary Ln. Q.H. CT. 06375
CYNARA Castro	284 Bloomfield Rd. G Hill, 063
Iron Holloway	91 Riverview Rd Niantic CT 06351
John Holloway	91 Riverview Rd Niantic CT 06351
Mark Muto	353 Boston Post Rd, Litchfield, CT 06385
Grace Elliott	13 1/2 Lee Rd Wtfd Ct 06385
John Hawk	704 Fieldstone Ct Colchester CT 06415
Robert L. Holloway	92 Main St Deep Run Ct 06417
David Bagnall	358 EAST MAIN ST. GRIEWOLD, CT 06351
Regina F. Flynn	358 E. Main St. GRIEWOLD, CT 06351
Daniel Almeida	16 KING JAMES DR., EAST LYME, CT 06333
David Unniat	16 King James Dr. East Lyme, CT 06333
Eugene M. Picard	220 South Burnham Hwy, Linton, Conn 06351
Byron B.	28 Onco St Norwich, CT 06360
Paul P.	14 Holm Rd East Lyme CT 06333
Rachel Lyman	110 Forest Dr. Uncasville Ct 06382
John O. O.	338 Barlow Rd Groton CT 06340
Iron Marquardt	99 Lake View Bv Salem Ct 06420
Mark Holloway	9B Lakeview Hgts Niantic CT 06357

Name	Address
Alan E. Blize	32 HARRIS RD New London
Walter J. Tamara	35 Crest St. N.Y.C.
Chas. J. J. J. J.	15 Sherburne Ave. New London
Harriet J. J. J.	278 Crystal Ave New London
Don J. J. J.	411 Doughty Avenue New London
Phil J. J.	8 Shirley Ln. New London
Arthur J. J. J.	410 Piquet Ave. New London
John J. J. J.	94 West St. New London
John J. J. J.	94 Plain St. New London
Wm J. J. J.	278 Crystal Ave New London
Arthur J. J. J.	292 Piquet Ave. New London Ct.
Chas. J. J. J.	57 Riverview Ave. Groton Ct.
Robert J. J. J.	30 A Elm St. Deep River Ct.
Edna J. J. J.	47 Hawthorne Drive
Henry J. J. J.	126 Colman St. New London Ct.
Dian E. J. J.	292 Piquet Ave. - R2 New London
Eugene J. J. J.	36 Foxcroft Rd. N. Groton Ct.
Richard J. J. J.	22 Fairview Rd. Groton Ct.
Wm J. J. J.	19 Dunbar Rd. Quaker Hill Ct.
Bob J. J. J.	19 DUNBAR RD QUAKER HILL CT



We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

Name	Address
Norman R. May	P.O. Box 237, Quaker Hill, CT 06345
Frank H. Besade	21 Fifth Ave. Waterford, Ct. 06385
Tom M. May	27 Danes Hill Rd. Middletown 06357
Leo O'Donnell	10 King Arthur Dr. Winst 18006357
John H. Besade	91 Riverfront Rd. Winst 06357
John H. Besade	12 Atlantic St. Winst 06357
John H. Besade	6 Fern St. East Lyme Ct. 06332
John H. Besade	42 Old Rd. Pt. Rd. Winst 06357
John H. Besade	75 Coleridge Ave. Winst 06357
John H. Besade	20 Lincoln St. Winst 06357
John H. Besade	17 Thomas View Rd. Winst 06357
John H. Besade	20 Lincoln St. Winst 06357
John H. Besade	112 Edgewood Rd. Winst 06357
John H. Besade	31 Grand St. Winst 06357
John H. Besade	42 Wall St. Winst 06330

We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

<u>Name</u>	<u>DATE</u>	<u>Address</u>
C. Leone	9/13/96	111 Boston Post R. E. Lyons
D. Zalden	9/13/96	99 MONTAUK AVE New London 06320
Ed M. Black	9/18/96	WEST HARTFORD CT
C. Leone	9/18/96	Quaker Hill, CT
C. Sullivan	9/19/96	4 Elm St. New Britain, CT

We the undersigned, believe that Northeast Utilities should not be the selector of the independent verification team on whose approval the Nuclear Regulatory Commission has mandated as a necessary step prior to the start up of the Millstone Units. As residents of the localities which adjoin the Millstone Power Station, we seriously question the independence of any group which is selected and paid for by the same utility on whom they are supposed to be performing an objective assessment and evaluation. We urge the Nuclear Regulatory Commission to rescind this decision and remove Northeast Utilities from any involvement in the selection of the start up verification team.

Name

Address

JOHN GLOVER 105 CHESTERFIELD RD. EAST LYME CT 06355

GEORGE SANDERS 19 MARION DR. EAST LYME CT 06333

Paul M. White 12 Canterbury Niantic CT 06357

Therese Harper 22 Sapien Niantic 06357