



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406

Docket No. 50-423

JUN 06 1990

Northeast Nuclear Energy Company  
ATTN: Mr. E. J. Mroccka  
Senior Vice President - Nuclear  
Engineering and Operations Group  
P.O. Box 270  
Hartford, Connecticut 06141-0270

Gentlemen:

The U.S. Nuclear Regulatory Commission recently received an allegation concerning the adequacy of computer software testing methods at Millstone Unit 3 (RI-89-A-0099). Details of this allegation are enclosed for your review and followup.

We request that the results of your review and disposition of this matter be submitted to Region I within 60 days of the date of this letter. We request that your response contain no personal privacy, proprietary, or safeguards information so it can be released to the public and placed in the NRC Public Document Room. If necessary, such information shall be contained in a separate attachment which will be withheld from public disclosure. The affidavit required by 10 CFR 2.790(b) must accompany your response if proprietary information is included.

The enclosure to this letter should be controlled and distribution limited to personnel with a "need to know" until your investigation of the allegation has been completed and reviewed by NRC Region I. The enclosure to this letter is considered Exempt from Public Disclosure in accordance with Title 10, Code of Federal Regulations, Part 2.790(a). However, a copy of this letter, excluding the enclosure, will be placed in the NRC Public Document Room.

The response requested by this letter and the accompanying enclosure are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

Your cooperation with us is appreciated. We will gladly discuss any questions you may have concerning this information.

Sincerely,

William Kane, Director  
Division of Reactor Projects

Enclosure: Allegation Details  
~~(10 CFR 2.790(a) INFORMATION)~~

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PDR FOIA  
GUILD91-162 PDR

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bcc:

A. Vogel

B. Raymond

Allegation File No. RI-89-A-0099

ALLEGATION DETAILS

The below listed concerns were provided to an NRC inspector:

1. The Nuclear Engineering and Operations Procedures which provide guidance for the development of Quality Related Computer Programs at the Millstone site are inadequate in that they do not fully implement recognized industry standards. For example, NEC 2.24 "Quality Software Programs" does not fully adhere to ANS 7.4.3.2 "Application Criteria for Programmable Digital Computer Systems in Safety Systems or Nuclear Power Generating Stations."
2. The verification/validation process for computer software programs at the Millstone site is deficient since the verification/validation process does not include a functional test with specific predetermined acceptance criteria. This is contrary to accepted industry practice.
3. Personnel qualifications for review of software are not specified by procedure. Therefore, the possibility exists for unqualified people to conduct reviews of software packages.

RECORD OF ALLEGATION PANEL DECISIONS

SITE: MP 3 ~~89-A-0999~~ PANEL ATTENDEES:

ALLEGATION NO.: RI-90-A-0012 Chairman - J. WIGGINS

DATE: 1/19/90 (Mtg.  1  2  3  4  5) Branch Chief - \_\_\_\_\_

PRIORITY: High Medium  Low Section Chief (AOC) - D HAVERKAMP

SAFETY SIGNIFICANCE: Yes  Unknown Others - B. RAYMOND

CONCURRENCE TO CLOSEOUT: DD BC SC \_\_\_\_\_  
K. KOLACZEK

CONFIDENTIALITY GRANTED: Yes  No \_\_\_\_\_  
A. VEDEL

IS THEIR A DOL FINDING: Yes  No

IS CHILLING EFFECT LETTER WARRANTED: Yes No

HAS CHILLING EFFECT LETTER BEEN SENT: Yes No

HAS LICENSEE RESPONDED TO CHILLING EFFECT LETTER: Yes No

ACTION:

- 1) Team-over to licensee, need letter from division director
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_
- 5) \_\_\_\_\_

NOTES: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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ALLEGATION PANEL DECISIONS

SITE: MILLSTONE 3

PANEL ATTENDEES:

ALLEGATION NO.: RZ-89-A-0099

Chairman - S. COLLINS

DATE: 9/6/89 (Mtg. 1 2 3 4 5)

Branch Chief - \_\_\_\_\_

PRIORITY: High Medium Low

Section Chief - D. HAVERKAMP

SAFETY SIGNIFICANCE: Yes No Unknown

D. O'NEAL, ORT

CONCURRENCE TO CLOSEOUT: DD BC SC

J. DUAR, OAS

CONFIDENTIALITY GRANTED: Yes No

M. PERKINS, DRMA

ACTION:

1) ADL TO CONTACT ALLEGOR, FOLLOWUP WITH AK LTR (LEAD 9/3/89).

2) RECONVENE PANEL BASED ON RESULTS.

3) \_\_\_\_\_

4) \_\_\_\_\_

5) \_\_\_\_\_

6) \_\_\_\_\_

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ALLEGATION RECEIPT REPORT

Date/Time Received: AUGUST 30<sup>th</sup> / 9:00a.M.

Allegation No. RZ-89-A-0099  
(leave blank)

Name: [REDACTED]

Address: [REDACTED]

Phone: [REDACTED]

City/State/Zip: [REDACTED]

Confidentiality Requested: Yes

No  [REDACTED]

Employer: UNEMPLOYED

Position/Title: FORMER NUSCO  
ENGINEER

Facility: MILLSTONE 3

Docket No.: 50-423

(Allegation Summary (brief description of concern(s): ① NORTHEAST UTILITIES (CORPORATE OFFICE INTIMIDATES/HARASSES NUSCO ENGINEERS ② THE ALLEGEE IS WILLING TO FURTHER DISCUSS CONCERNS DEALING WITH RADIATION MONITORS, AND QUALIFICATION METHODOLOGY OF QA CAT I COMPONENTS.

Number of Concerns: 2

Employee Receiving Allegation: P J HABISHOBT  
(first two initials and last name)

Type of Regulated Activity (a)  Reactor (d)  Safeguards  
(b)  Vendor (e)  Other: \_\_\_\_\_  
(c)  Materials (Specify)

Materials License No. (if applicable): \_\_\_\_\_

Functional Area(s):  (a) Operations  (e) Emergency Preparedness  
 (b) Construction  (f) Onsite Health and Safety  
 (c) Safeguards  (g) Offsite Health and Safety  
 (d) Transportation  (h) Other: \_\_\_\_\_

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions b7C

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## Detailed Description of Allegation:

THE ALLEGER RESIGNED AS A NORTHEAST UTILITIES' <sup>(NU)</sup> EMPLOYEE. AFTER RESIGNATION, HE FILED FOR UNEMPLOYMENT BENEFITS WITH THE DEPARTMENT OF LABOR, BASED ON HARASSMENT / INTIMIDATION OF NU MANAGEMENT. THE DEPARTMENT OF LABOR DENIED HIS REQUESTS FOR UNEMPLOYMENT BENEFITS. THE ALLEGER DID NOT GO TO THE NRC.

IN EARLY AUGUST, 1989, IN THE

~~ALLEGATION~~ NU WAS NOTIFIED OF THE DECISION, AND IMMEDIATELY PULLED HIS UNESCORTED SECURITY PASS AT MILSTONE. THE ALLEGER POINTS OUT NU BEGAN AN INVESTIGATION INTO THE CIRCUMSTANCE INVOLVING THE PURGERY CASE. THE ALLEGER WAS NEVER NOTIFIED OF THE NU INVESTIGATION OUTCOME, <sup>AND</sup> WAS REMOVED FROM ENGINEERING COMMITTEE (I.E. ASME, ANS, ECT).

THE ALLEGER RESIGNED FROM NU, AND IS STILL UNEMPLOYED. ACCORDING TO THE ALLEGER HE NEVER CONTACTED THE NRC UNTIL AUG. 30, 1989. THE INSPECTOR ASKED THE ALLEGER WHY, AND HE MENTIONED HE MADE A MISTAKE.

Detailed Description of Allegation: THE INSPECTOR DISCUSSED THE  
ATOMIC ENERGY ACT (10CFR50.7) TO THE ALLEGER.

THE ALLEGER WISHES TO DISCUSS (FACE-TO-FACE) NUMEROUS TECHNICAL  
ISSUES AT MILLSTONE 3 INVOLVING RADIATION MONITORING EQUIPMENT,  
AND QUALIFICATION METHODOLOGY OF QA (AT I) INSTRUMENTS.

THE REASON THE ALLEGER CAME TO THE NRC WAS A RESULT OF  
RECENT NEWSPAPER ARTICLES OF MILLSTONE II EMPLOYEES, AND  
HE FELT NOTIFICATION WAS APPROPRIATE, TO BRING TO THE NRC'S  
ATTENTION ~~HIS~~ PREVIOUS HARASSMENT / INTIMIDATE OF NU CORPORATE  
MANAGEMENT.