



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. Mroczka
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)~~

JUN 06 1990

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-0991 PANEL ATTENDEES:
 ALLEGATION NO.: RI-40-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. HAVERICAMP
 SAFETY SIGNIFICANCE: Yes No Unknown Others - B. RAYMOND
 CONCURRENCE TO CLOSEOUT: DD BC SC _____
 CONFIDENTIALITY GRANTED: Yes No _____
 (See Allegation Receipt Report) A. VEGEL
 IS THERE 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 goes to licensee, need letter from division director
- 2) _____
- 3) _____
- 4) _____
- 5) _____

NOTES:

M/39

ALLEGATION PANEL DECISIONS

SITE: MILLSTONE 3

ALLEGATION NO.: RZ-89-A-0099

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

PRIORITY: High Medium Low

SAFETY SIGNIFICANCE: Yes No Unknown

CONCURRENCE TO CLOSEOUT: DD BC SC

CONFIDENTIALITY GRANTED: Yes No

PANEL ATTENDEES:

Chairman - S. COLLINS

Branch Chief - _____

Section Chief - D. HAVERKAMP

D. OEMPSEY, ORI

J. DUAR, OAS

M. PERKINS, DRMA

ACTION:

1) AOX TO CONTACT ALLEGOR, FOLLOWUP WITH AK LTR
LEAD 9/8/89).

2) RECONVENE PANEL BASED ON RESULTS.

3) _____

4) _____

5) _____

6) _____

W/40

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

Address: [REDACTED]

City/State/Zip: [REDACTED]

No. X ~~1000~~

Position/Title: FORMER NUSCO

Docket No.: 50-423

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Detailed Description of Allegation:

THE ALLEGOR RESIGNED AS A NORTHEAST UTILITIES^{NU} 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 ALLEGOR DID NOT GO TO THE NRC.

IN EARLY AUGUST, 1987, IN THE

~~NU WAS NOTIFIED OF~~ THE DECISION, AN IMMEDIATELY PULLED HIS UNESCORTED SECURITY PASS AT HILLSTONE. THE ALLEGOR POINTS OUT NU BEGAN AN INVESTIGATION INTO THE CIRCUMSTANCE INVOLVING THE PURGERY CASE. THE ALLEGOR WAS NEVER NOTIFIED OF THE NU INVESTIGATION OUTCOME, ^{AND} WAS REMOVED FROM ENGINEERING COMMITTEE (I.E. ASME, AINS, ECT).

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

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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.