

Date/Time Received: \* AN ALLEGER (reported 5/14/97) Allegation No. RI-97-A-0033 (Supplement 2)  
(leave blank)

Employee Receiving Allegation or suspecting wrongdoing (first two initials and last name): D.V. to

Alleger Name: Home Address: \*

Home Phone: \* City/State/Zip: \*

Alleger's Employer: \* Alleger's Position/Title:

Facility: Fitzpatrick Docket or Mtls. License No.: 450-333

Was alleger informed of NRC identity protection policy? Yes  No   
If H&I was alleged, was alleger informed of DOL rights? Yes  No  N/A  in 3/7/97 let  
If a licensee employee or contractor, did they raise the issue to their management? Yes  No  N/A   
Does the alleger object to referral of issues to the licensee? Yes  No  ?  
Provide alleger's direct response to this question verbatim on the line below:

Was confidentiality requested? Yes  No   
Was confidentiality initially granted? Yes  No  N/A   
Individual Granting Confidentiality: \_\_\_\_\_

Criteria for determining whether the issue is an allegation:

Is it a declaration, statement, or assertion of impropriety or inadequacy?  Yes / No  
Is the impropriety or inadequacy associated with NRC regulated activities?  Yes / No  
Is the validity of the issue unknown?  Yes / No

If No to any of the above questions, the issue is not an allegation and should be handled by other appropriate methods (e.g. as a request for information or an OSHA referral).

Allegation Summary or staff suspected wrongdoing: (Recipient of the allegation shall summarize each concern here - provide additional detail on reverse side of form, if necessary)

at Fitzpatrick  
1) More issues re: lack of "safety culture"; two more DEL issues re: CAD Steam Line modification and Condensate Thermosiphon Heat Exchange modification  
2) Provided additional info re: ESW pump bay fire damper issue presented in 4/97 interview. Noted that dampers are Category 1, contrary to what he had indicated in the interview. However, alleger still feels there is no backup cooling mechanism for the room (if the dampers get shut off)

Number of Concerns: 2

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 7C

Type of Regulated Activity (a)  Reactor (d)  Safeguards  
(b)  Vendor (e)  Other: FOIA-2004-0101  
(c)  Materials (Specify)

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: \_\_\_\_\_

\* Do not complete these sections for issues of staff suspected wrongdoing.

THIS DOCUMENT IDENTIFIES AN ALLEGER

E/B



May 12, 1997

7C

Nuclear Regulatory Commission  
P.O. Box 80377  
Valley Forge, PA 19484.  
Attn: Mr. Dave Vito

Dear Mr. Vito:

Thank you for taking the time to discuss my concerns about Fitzpatrick. You were a very good audience.

You asked one question that I did not have an immediate answer to: What brought me to the NRC?

It was no one single item as you could tell by our discussions. The one major thing that I see in small ways, day to day, is (at least, in my part of Fitzpatrick) the lack of a "Safety Culture".

Two very current examples of this: 1. The first example is the CAD Steam Line, Mod. F1-92-145. When I identified the problem (the fact that they had left the steam line still partially in place even though the mod was done in 1994), my former supervisor begged me not to write the DER. 2. The other example is the Condensate Thermosiphon Heat Exchanger. The Mod. Review Team did not give me a very good hearing for a proposed modification to insulate the tanks and add a small trim heater (they said it was just a FSAR item and not a commitment!). There is an existing calculation that calls for thermal insulation and a small heater. The Design Base Document, in numerous areas, calls for the existing "Thermosiphon" heat exchanger and the requirement to keep the tanks warmer than 40 degrees F. My former supervisor said "just write a Safety Evaluation". That would eliminate the need for a heat source without doing a modification or changing the existing calculation!!!

Repeatedly, I have seen examples of management ignoring problems and subtly discouraging the identifying of problems. And, as I made the point at our meeting, they particularly ignore the problems that will cost money to fix. I have identified several problems (i.e., the Control Room Door issue, the QA CAT. M fire door to the S & A building, the contaminated oil/water separator, the 800 MR Aux. Boiler Feed Pumps issue, the excessive radiation outside the Aux. Boiler Room (it was greater than 3 MR and it was supposed to be less than 1/2 MR), the Aux. Boiler Room contaminated floor drains, the "B" Hot Water Boiler NFPA

Portion withheld - Ex. 7C

Code issues) and never once have I gotten a compliment or encouragement for identifying the problem.

It feels to me like the appraisal process at Fitzpatrick is used as a tool to keep everyone in line. Follow management's lead and don't rock the boat and don't tell them what they don't want to hear and you'll get a better appraisal. But open your mouth and tell them they have a problem and look out. Don't figure on ever getting a promotion, much less a pat on the back.

The DER process is much the same. Management does their very best to discourage people from writing DER's. They very rarely come right out and say "don't write the DER", but everyone knows that if you write one, better figure on working late to write the "response" and/or corrective action. And just because you care enough about the plant, and have the ethics and the backbone to buck the system, don't expect anything good to come of the DER. DER's get written, but does anything get done about the problem? Yes, but it's done begrudgingly.

As you might expect, my coming to your offices to discuss my concerns about Fitzpatrick was not a step I took lightly. Our discussion may well cost me my livelihood. I have debated this step since at least early 1995, but I did not come to the NRC at that time since I have been criticized for not going thru channels. I gave the NYPA system another try and had gone thru all the steps by the end of 1995, but I still felt unsatisfied. About this time, I did pick up the phone and called the NRC Resident Inspector, but I didn't feel like I could talk freely and I did not tell him the whole story. I got a new manager at about the same time and I thought I would give him some time to see what would happen. I had hoped this new manager, formerly in QA, would change things, but there have been only minor improvements.

If you have any questions or need any more information, my telephone number is

The best time to call is after 4:00 P.M.

Yours,

P.S. I must apologize for not getting back to you sooner. Coming back from a two week vacation to an overflowing desk is my only excuse!

Portions withheld -  
Ex NC

## **EMERGENCY SERVICE WATER PUMP BAYS FIRE DAMPERS**

I checked on the modification for the ESW Pump Bays Fire Dampers. The dampers are QA Cat. 1 (I apologize). They were upgraded in 1994. The time that all the dampers were closed and over heated the room was between August 21 and about September 3, 1991. From what I heard, shutting off the dampers activated the high temperature switches (Fire Protection- Heat Detectors, since disconnected). You should have it in your records since, as I said, someone from NRC said my Installation Procedure was insufficient. This Installation Procedure was just another work item that was way too rushed.

Even with the dampers being QA Cat. 1, there still is no backup cooling for this room if somehow this cooling airflow gets cut off . The two pump rooms are right next to each other and if you lose one, then you lose both.

HSI 073-0000-DMP-0001-A\_ REV: \_9

COMPONENT ID ... 73FD-1A

- 1. KEYWORD ..... VALVE
- 2. QUALIFER ..... DMP
- 3. DESCRIPTION .... ESW/RHRSW LOOP B PUMP ROOM FIRE DAMPER
  
- 4. LOCATION ID .... BLDG SP ELEVATION 255EL COLUMN 24.  
 SYSTEM ID ..... 073 SCREENWELL/WATER TREATMENT VENT & COOLING  
 SUB-SYSTEM ID .. 0000 SCREENWELL/WATER TREATMENT VENT & COOLING  
 COMPONENT TYPE . DMP DAMPER
- 5. QA CATEGORY .... I QA ANS SNNY--NNN--
- 6. EQ CLASS ..... NA
- 7. MANUFACTURER ... A124 AIR BALANCE INC B
- 8. MODEL NO ..... N39AV
- 9. RACK/PANEL/ASSM. NA

HSI 073-0000-DMP-0001-A\_ REV: \_9

COMPONENT ID ... 73FD-1A

- 1. NPRDS CODE ..... VALVE REPORTABLE N
- 2. ASME SECTION XI N 15. COMPONENT/ALIAS CODES
- 3. ISI SECTION XI . N 73FD-1A
- 4. EQ QUAL LEVEL ..
- 5. SEISMIC ..... N
- 6. APPENDIX R .....
- 7. REG GUIDE 1.97 . 16. PM NOTICE ... N
- 8. CONTAINMENT .... N 17. RESP DEPT ...
- 9. TECH SPEC ..... 18. SERIAL NO ...
- 10. RPS/ECCS DIV ... NA 19. PURCH NO ...
- 11. LABEL REQMENT .. L 20. INSTL DT ...
- 12. DESIGN CODE .... N
- 13. ORIG SPEC NO ... C91-J1538
- 14. SUPPLIER .....

HSI ..... 073-0000-DMP-0001-A\_ VALVE,DMP  
COMPONENT ID ... 73FD-1A

THIS COMPONENT/EQUIP HAS BEEN SEISMICALLY VERIFIED BY THE USI A-46 (SQUG) METHODOLOGY

*Aug. 21 - Sept 3 1991*

HSI ..... 073-0000-DMP-0001-A\_ VALVE,DMP  
COMPONENT ID ... 73FD-1A  
COMPONENT TYPE .. DMP DAMPER

SCREEN 1 OF X

1. DESIGN PRESSURE ....
2. DESIGN PRESS SOURCE.
3. DESIGN TEMPERATURE . 3 HOUR RATED
4. DESIGN TEMP SOURCE . M1-91-198
5. END TYPE .....
6. END TYPE SOURCE ....
7. FAIL POSITION ..... N/A
8. FAIL POSITION SOURCE
9. LEAK CLASS .....
10. LEAK CLASS SOURCE ..
11. MATERIAL SPEC-BODY . 22 GAUGE GALV STEEL ASTM A527
12. MATERIAL SPEC SOURCE M1-91-198
13. MATERIAL SPEC-SEAT . STEEL
14. MATERIAL SPEC SOURCE JUDGEMENT CALL
15. MEDIA ..... AIR
16. MEDIA SOURCE ..... WALKDOWN
17. SIZE/CAPACITY ..... 47-1/4 X 35-1/2 IN
18. SIZE/CAPACITY SOURCE M1-91-198
19. SETPOINT ..... 165 DEG F
20. SETPOINT SOURCE .... M1-91-198
21. VALVE TYPE ..... VERTICAL CURTAIN W/CLOSURE SPRING
22. VALVE TYPE SOURCE .. M1-91-198
23. SWEC MARK NO .....
24. SWEC MARK NO SOURCE.

HSI ..... 073-0000-DMP-0001-A\_ VALVE,DMP  
COMPONENT ID ... 73FD-1A  
COMPONENT TYPE .. DMP DAMPER

SCREEN 1 OF X

1. COMPONENT ..... FB-45E
2. COMPONENT DESCRIPT . LABEL PROGRAM
3. LOCATION (BLDG) .... WALKDOWN
4. LOCATION (ELEVATION) WALKDOWN
5. LOCATION (LINE) .... WALKDOWN
6. LOCATION (COLUMN) .. WALKDOWN
7. QA ANSWERS SOURCE .. MCM-6A 12/29/94 / UE00437
8. MANUFACTURER ..... M1-91-198
9. MFG MODEL NO ..... M1-91-198
10. MFG PART NO .....
11. RACK/PANEL/ASSM .... WALKDOWN
12. HSI ..... ROME CONVERSION
13. NPRDS CODE .....
14. ISI SECTION XI .....
15. REG GUIDE 1.97 .....
16. CONTAINMENT .....
17. RPS/ECCS DIV .....
18. LABEL REQUIREMENT .. DAS 2/13/95
19. DESIGN CODE .....
20. ORIG SPEC NO ..... M1-91-198
21. ALIAS COMP CODES ...
22. EQ CLASS ..... MCM-6A 12/29/94
23. STATUS .....
24. NPRDS REPORTABLE ...
25. TEST NO .....
26. SEISMIC .....
27. PART NO .....

HSI ..... 073-0000-DMP-0001-A\_ VALVE,DMP  
COMPONENT ID ... 73FD-1A

ASSOCIATED HSI	KEYWORD, QUALIFER	COMPONENT ID
----------------	-------------------	--------------

- |                         |            |            |
|-------------------------|------------|------------|
| 1. 073-0000-PNS-0002-__ | IBISSW,PNS | 73PNS-1A-3 |
| 2. 073-0000-PNS-0003-__ | IBISSW,PNS | 73PNS-1A-4 |
| 3. 076-0000-PNL-0001-P_ | PANEL,PNL  | 76CP-SRP   |
| 4. 076-0000-TS_-0001-A_ | IBISSW,TS  | 76TAD-1A   |

HSI ..... 073-0000-DMP-0001-A\_ VALVE,DMP  
COMP ID ..... 73FD-1A

SCREEN 1 OF X

CLASS/ TYPE DESCRIPTION	REFERENCE NO.	DESCRIPTION
----------------------------	---------------	-------------

- |                                      |                 |                             |
|--------------------------------------|-----------------|-----------------------------|
| 001. DRAWINGS/<br>ELECTRICAL & INSTR | 001001*ESK-11DR | DC ELEMENTARY DIAGRAM FIRE  |
| ELECTRICAL & INSTR                   | 001001*FE-3MX   | WIRING DIAGRAM - SAFETY REL |
| ELECTRICAL & INSTR                   | 001001*FE-51G   | CONDUIT PLAN - FIRE DETECTI |
| MECH, PIPING, ARCH                   | 001002*FB-37D   | PUMPHOUSE AND SCREENWELL VE |
| MECH, PIPING, ARCH                   | 001002*FB-45E   | FLOW DIA - SCREENHOUSE VENT |
| MECH, PIPING, ARCH                   | 001002*FB-60A   | VENTILATION - REACTOR CORE  |
| MECH, PIPING, ARCH                   | 001002*FM-7A    | MACHINE LOCATION SCREENWELL |
| VENDOR - ELECT, I&C                  | 001004*1.81-264 | CONNECTION DIAGRAM - CONTRO |



VENDOR - MECH. ARCH 001005\*10.00-779  
VENDOR - MECH. ARCH 001005\*10.00-780  
VENDOR - MECH. ARCH 001005\*10.00-781  
MEL IDENTIFIED DRAWI 001007\*DSK-73-A  
MEL IDENTIFIED DRAWI 001007\*LSK-21-11H  
MEL IDENTIFIED DRAWI 001007\*LSK-21-11L  
MEL IDENTIFIED DRAWI 001007\*LSK-21-11M  
MEL IDENTIFIED DRAWI 001007\*OP-57-1

2. MODIFICATIONS/

MODIFICATIONS 002001\*M1-91-198  
MODIFICATIONS 002001\*M1-92-331

3. VENDOR MANUALS/

VENDOR MANUALS 003001\*A124-0338

7. CHANGE CONTROL RECORDS/

PEDB CHANGE CONTROL 007001\*5580  
PEDB CHANGE CONTROL 007001\*7060L  
PEDB CHANGE CONTROL 007001\*7630  
PEDB CHANGE CONTROL 007001\*7705  
PEDB CHANGE CONTROL 007001\*7773  
PEDB CHANGE CONTROL 007001\*8090  
PEDB CHANGE CONTROL 007001\*8787  
PEDB CHANGE CONTROL 007001\*9116M

RESERVED FOR MOD. M1-91-219  
RESERVED FOR MOD. M1-91-198  
RESERVED FOR MOD. M1-91-198

APP R FIRE DAMPERS  
VENTILATION

INSTALL. OPER & MAINT MANUA

7c