



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
799 ROOSEVELT ROAD  
GLEN ELLYN, ILLINOIS 60137

*Weil*

DEC 16 1983

MEMORANDUM FOR: Region III Files (Perry 1 and 2)  
FROM: Max L. Gildner, Perry Senior Resident Inspection  
(Construction)  
SUBJECT: ALLEGATIONS OF TERMINATED ELECTRICAL INSPECTOR

On Wednesday November 23, 1983, the Cleveland Plain Dealer Newspaper published a story about a terminated electrical inspector at the Perry Station. In the article, the terminated inspector, Mr. Gene F. Mathis, expressed concerns about electrical equipment installation and harassment/intimidation by production personnel and QC Management of his former employer, L. K. Comstock Co. Prior to the article in the newspaper, Mr. Mathis had not contacted the NRC either at the site or the Region III office.

On Wednesday November 23, 1983, the licensee contacted the resident inspector's office stating that they had invited Mr. Mathis to come in and explain his concerns to C.E.I. management on Monday November 28, 1983. The licensee said that Mr. Mathis requested that an NRC representative be at the meeting. I agreed to attend the meeting.

At the meeting the allegor expressed concerns about the management of LKC in that directions were usually verbal and highly subject to change. He further indicated the QC management would usually support production rather than the QC staff. He stated that inspectors were directed not to go to the licensee's CQS staff or NRC with problems. Mr. Mathis provided information on hardware problems in the area of raceways and conduit. A copy of his outline of concerns is attached.

On Wednesday November 30, 1983, Mr. Charles Weil of the Region III office and myself contacted Mr. Mathis at his home and arranged for another interview that afternoon. That interview essentially repeated the concerns expressed earlier and is documented in a seperate memo to file by Mr. Weil.

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The hardware concerns are currently being looked at by an inspection team of three Region III electrical inspectors. The results of that special inspection will be documented in their inspection report.

*P.R. Pelke for*

M. L. Gildner  
Senior Resident Inspector

Attachment: As stated

cc: C. Weil  
E. Pawlik

CEI/NRC Interview Outline

I. Concerns

Phone # 428-7075

A. IR's

1. Not allowed to write NR's on hardware def.
  - a. Ref. IR's: 5537  
5639  
5784

B. Correlation Of Design Drawings

1. D-215 & D-214 Series Dwg.s
  - a. Ref. NR's: 2434  
2426  
2412  
IR# 6767

C. RB#1

1. Findings
  - a. Location problems
    1. No bench marks
    2. Dim. & Ref. lines
      - a. Ref. lines are shown on Dwg.s (D-214) being taken from RB lines- which are fictitious and not to be used for location purposes.
    3. Still no sound assurance that the RB Tray installations are being inspected correctly.

D. Flex Installations

1. Method used to Dim./check length of flex in relation to Min. length required for Seismic movement. ( Wire being used)
2. Majority of Flex inspections ( non axil allinement) done by straight line Dim., not as required by lead sheet dwg. ( D-215)

E. Safety Related Installations

1. Amount of abuse safety installations take from everyday work by other contractors.
  - a. Conduit and Trays being used for supporting of all types of Equip/materials.
  - b. Addressed this situation to management/PO many times.
    1. Ans.
      - a. Contract Admin. to issue letter to contractor at fault.
        1. No fines issued to my knowledge
        2. PO does not feel that this is a NR condition
          - a. This still exist today especially in the RB bldg.

F. RB #1 Inside Dry Well

1. Zones

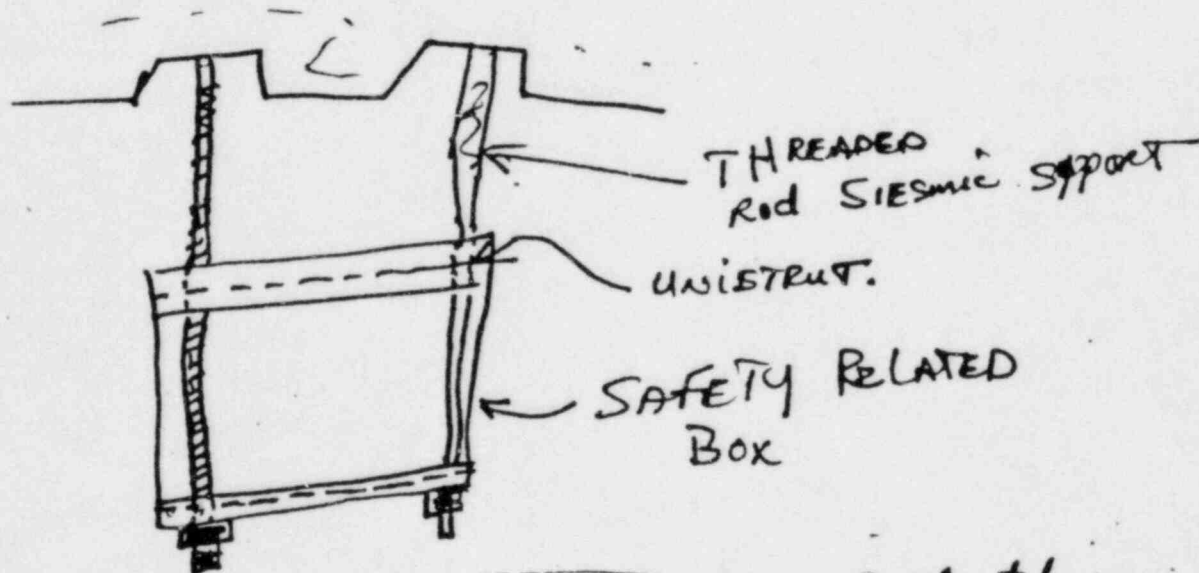
- a. Insufficient training by management on zoned areas for the inside dry well.
- b. Engineering locating conduit and zones for QC
  1. Were they correct??
- c. requested management many times to have an inspector in the RB for in-process inspections and to gain the knowledge required to do inspections.
- d. If it hadn't been for me by-passing supervision (Lee P.) and also pressuring D. Bower and refusing to let production clean these problems, this condition would still exist.

G. Memo's and problems as Lead Inspector/ Cable Yard Inspector

1. No management backing or assistance to help put to use a workable system in raceway.
2. Threatened that I would lose my job if I stepped down as the lead inspector.
3. Poor decisions from Larry Seese.
4. Larry Seese taking QC documents (IR's & NR's) to engineering prior to having numbers assigned to them.
5. Refused overtime for 7 months.
  - a. I asked every day for OT or to be crossed trained in other disciplines.
6. Welds and touch-up requirements
  - a. see memo dated 10/10/83

H. Non-Safety Seismic supported and Safety threaded Rod Supports

ie. No known installation detail for this type of installation.



*No Drawings* ← *laid out by production*  
*show this installation.*

*638 level - Control Complex*

*Put on field question only*  
*Col. lines between CCD*

- I. Problem-Pull sleeve not installed at time of inspection.
  1. ECM issued after installation to remove pull sleeve from design drawings.
  2. Conduit # unknown-599' elevation cc/1.

J. RB #1 (expansion connections)

1. Expansion connectors *is used on 422A*
  - ie.



*Hex head nut with plastic bushing - must can't take torque requirement*

*Bolts in reactor 8 days where expansion connectors are used. - Max says was not allowed to write an NR for this situation*

- a. torque requirements not the same as RB bolts (35=+15 ft. lbs)
- b. QC not notified of expansion connectors being used for installation.
- c. consulted R. Troff of problem per supervisors directive.
- d. Engineer said there were no vendor cert's. with torque requirements.
- e. Asked engr. how they could release hardware to be used for special installations without no cert's. or QC not being notified of this condition.
  1. Answer; I told production to use them because it is ca out on the lead/design sheet drawings.
- f. Informed engr. that the splice plate bolts were much different that the RB Bolt; requested what torque requirem to use.
  1. Answer: I don't know, I will have to write the vendor.
- g. Left pictures of actual field installations with Lee P.
- h. Informed QC Mgr. of this situation on 10/17/83.
  1. As of 11/13/83, QC Mgr. still had not looked into this problem as per phone conversation.
2. Conclusion.
  - a. miscommunication between dept.'s where as QC has no torque requirements/procedure requirements for inspection purposes.

*He said Engineering does not have certs on the plates from any vendor?*

# Fired worker worried about work at Perry

James Lawless

A quality control worker, fired from the \$5.2 billion Perry nuclear plant site, said safety of construction work is being affected by the low morale of the quality control work force.

Gene F. Mathis, who worked as a level II quality control inspector for the L.K. Comstock Co., electrical contractor at Perry, said he was fired Oct. 14 after 20 months at the site for having an unprofessional attitude and for refusing to follow management directives.

He is the second fired Comstock inspector to discuss the problems with The Plain Dealer in a week.

Max Gildner, a Nuclear Regulatory Commission resident inspector, said last week that Comstock treats its workers like machines instead of people.

Comstock officials did not return telephone calls.

Admitting that his temper was a problem, Mathis said he flew off the handle because procedures were changed without reason and quality control concerns were ignored if they slowed construction.

Mathis has six years experience as a quality control inspector at four nuclear plants, and said he was surprised at the depth of morale problems within Comstock that he noticed from the first day started.

Cordell C. Williams, NRC chief of plant systems, testified in May that NRC suggested that Cleveland Electric Illuminating Co. re-

place Comstock as electrical contractor but was told that it would be too much trouble to find a replacement.

He said pressure from CEI to keep the job on schedule causes work to be done without proper quality control checks, and then requires the work to be redone after problems are found.

"This is one of the worst jobs for morale and turnover," he said. Mathis said the best inspectors tend to leave or get fired out of frustration.

"There is daily harassment from production," he said. "They fail to understand that we don't work for them." Mathis said unless quality control is protected from pressures from engineering or construction elements, quality control tends to decline.

He complimented Dick Bower, the quality control manager at Perry, but said Pittsburgh officials were difficult to work with. "They didn't like to be told they were wrong," he said.

Mathis said a typical problem, which he photographed, was of a cable tray (which holds electrical cables) installation. He said he was sent out to inspect the tray and found it "filled with garbage, electrical wiring and welding materials," he said.

He also complained of work that was done that did not relate to engineering drawings. He said if there is a fire or a failure in a cable tray, "how are you supposed to find it if the drawings are all wrong."



PHOTO BY PETE COPELAND

Gene F. Mathis

Mathis said he never raised these issues to NRC because he overheard one of its inspectors make fun of Comstock inspectors' complaints to Comstock managers.

Ronald Farrell, a CEI Perry manager, said he had contacted Mathis and would meet with him and NRC officials shortly to discuss safety concerns Mathis has. "We will check into some of the details he has given us," Farrell said.

# B'nai join

CINCINNATI (AP) — of rabbis and other professionals who voted labor union did so their B'nai B'rith, refuses to give a voice in working group spokesman said y

Rabbi Abie Ingber, president of the Assoc Hillel and Jewish Professionals, said th wants B'nai B'rith, a Wa based Jewish organiz recognize it as the colle gaining agent for its mately 65 members.

The group's membe mostly rabbis, but inclu Jewish professionals fro the country, Ingber said.

His group wants to h in how much its mem paid and what their d but B'nai B'rith's refusa that authority or even d group's request has pr confrontation, Ingber sai

Members of his gro earlier this year to

# City closes Rese after odor fells

The Cleveland Division of Air Pollution control closed Research Oil Corp., 2655 Transport Rd., yesterday for causing scores of people at the new Main Post Office to be sick and for being a nuisance.

Gary Nied, air pollution control commissioner, said the company was emitting irritating and noxious odors, had five uncontrolled air pollution sources and two pieces of air pollution control equipment not hooked up.

Nied said about 100 workers at the post office, 2400 Orange Ave., went home sick Friday and Saturday as a result of unpleasant odors from Mercaptan, a sulfur odor from natural gas and two organic solvents coming from Research Oil.

He said inspection of the plant Monday found numerous problems including "very

the compan about 30 day

John Y sales manag wastes from fuel oil. "It odors are no said. He sai the post offi

Further pollution cor

Told of We have the of our engi and found th water."

He said of their per

# 51 laid off at St. Luke's; hours of another 56 cut

by Bob Becker

St. Luke's Hospital yesterday

ably would have suffered if the targeted employes had continued