



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

PDR
016

SEP 24 1985

Mr. Christopher J. Rillo
Thelen, Marrin, Johnson & Bridges
Two Embarcadero Center
San Francisco, CA 94111

IN RESPONSE REFER
TO FOIA-85-249

Dear Mr. Rillo:

This is in further response to your letter dated April 2, 1985, in which you requested, pursuant to the Freedom of Information Act (FOIA), eight categories of records related to E. Earl Kent and his allegations regarding the Midland, Palisades and San Onofre nuclear power plants.

Copies of the documents listed on the enclosed Appendix D are being placed in the NRC Public Document Room (PDR) in folder FOIA-85-249 under your name.

The documents listed on the enclosed Appendix E are investigatory records compiled for law enforcement purposes and are being withheld from public disclosure pursuant to Exemptions (6), (7)(A), and (7)(C) of the FOIA (5 U.S.C. 552(b)(6), (7)(A) and (7)(C)) and 10 CFR 9.5(a)(6), (7)(i), and (7)(iii) of the Commission's regulations. Disclosure of the information would constitute an unwarranted invasion of personal privacy and interfere with an enforcement proceeding.

Pursuant to 10 CFR 9.15 of the Commission's regulations, it has been determined that the information withheld is exempt from production or disclosure and that its production or disclosure is contrary to the public interest. The person responsible for this denial is Mr. Ben B. Hayes, Director, Office of Investigations.

This denial may be appealed to the Secretary of the Commission within 30 days from the receipt of this letter. Any such appeal must be in writing, addressed to the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, DC 20555, and should clearly state on the envelope and in the letter that it is an "Appeal from an Initial FOIA Decision."

The NRC has not completed its search for and review of documents subject to your request. We will respond as soon as those actions are completed.

Sincerely,

J. M. Felton, Director
Division of Rules and Records
Office of Administration

Enclosures: As stated

8510010225 850920
PDR FOIA
RILLO85-249 PDR

APPENDIX D

Documents To Be Released

1. 03/02/82 Investigation Data Input Form. (1 page)
2. 03/24/82 Letter to J. W. Cook from G. E. Norelius transmitting Inspection Report No. 50-329/82-04. (8 pages)
3. 09/20/82 Memo to File form P. E. Baci; Midland/Zack: GAP Allegations. (1 page)
4. 10/29/82 Consumer Power Company News Release. (3 pages)
5. 11/04/82 Memo to J. E. Foster from C. H. Weil; Contact with Congressional Administrative Assistant. (3 pages)
6. 06/23/83 Testimony of Billie Garde (GAP) and Thomas Devine (GAP) before the House of Representatives. (26 pages)
7. 09/01/83 Letter to J. Martin from L. Bernabei re: Summarization of Impressions and Requests. (2 pages)
8. 11/31/84 Newspaper Article from the "Californian Reporter" captioned "Nuking the Whistle-Blowers." (1 page)
9. Undated Investigation Status Record. (1 page)

APPENDIX E

Withheld Documents

- | | | |
|----|--|-----------|
| 1. | Memo Foster to Files. | 7A |
| 2. | Memo Foster to Files. | 7A |
| 3. | Memo dated 03/05/82, Foster to Files. | 7A |
| 4. | Memo dated 03/03/82, Foster to Files. | 6, 7A, 7C |
| 5. | Investigation Status Report. | 7A |
| 6. | Letter dated 05/12/82, Stamiris to Foster. | 6, 7C |

THELEN, MARRIN, JOHNSON & BRIDGES

ATTORNEYS AT LAW

TWO EMBARCADERO CENTER
SAN FRANCISCO, CA 94111
(415) 392-6320

TELEX 34-0906 CABLE THEMAR
TELECOPIER (415) 421-1088

4000 MACARTHUR BOULEVARD
NEWPORT BEACH, CA 92660
(714) 851-8200

ONE ALMADEN BOULEVARD
SAN JOSE, CA 95113
(408) 292-8800

1300 TEXAS AMERICAN BANK BLDG
HOUSTON, TEXAS 77002
(713) 654-8877

333 SOUTH GRAND AVENUE
LOS ANGELES, CA 90071
(213) 621-8800
TELEX 19-4979 CABLE THEMAR LBA
TELECOPIER (213) 623-4742

ONE RAISER PLAZA
SUITE 1050
OAKLAND, CA 94612
(415) 893-5195
TELECOPIER (415) 891-9088

April 2, 1985

Director
Office of Administration
United States Nuclear
Regulatory Commission
Washington, D.C. 20555

FREEDOM OF INFORMATION
ACT REQUEST

FOIA-85-249
Rec'd 4-9-85

Re: FOIA Request

Dear Sir:

Pursuant to the Freedom of Information Act ("FOIA") 5 U.S.C. § 552 and the regulations of the Nuclear Regulatory Commission ("NRC") 10 C.F.R. § 980 (1984), I hereby request copies of the following documents and records:

1. All documents or all records in possession of the NRC, including, but not limited to, Region V, Region III, the Office of Nuclear Reactor Regulation ("NRR"), the Office of Investigation ("OI") and the Office of Inspector and Auditor ("OIA") which refer or relate to Elmo Earl Kent, a/k/a E. Earl Kent, a/k/a Earl Kent ("Kent");

2. All documents or records in possession of the NRC, including, but not limited to, Region V, Region III, the NRR, the OI and the OIA which refer or relate to Kent's allegations, comments or complaints concerning the Midland Twin Nuclear Power Plant ("Midland") during the time period October 1, 1980 through the present;

3. All documents or records in possession of the NRC, including, but not limited to, Region V, Region III, the NRR, the OI and the OIA which refer or relate to Kent's allegations, comments or complaints concerning the Palisades Nuclear Plant ("Palisades") during the time period October 1, 1980 through the present;

4. All documents or records in possession of the NRC, including, but not limited to, Region V, Region III, the NRR, the OI and the OIA which refer or relate to Kent's

8508090540

2pp

allegations, comments or complaints concerning the San Onofre Nuclear Generating Station ("SONGS") during the time period October 1, 1980 through the present;

5. All documents which pertain or relate to communications concerning the Kent's allegations or comments regarding SONGS, Palisades and/or Midland, made by the Alliance for Survival, the Government Accountability Project, Miguel Pulido, Timothy Carpenter, Billie Pirner Garde or Louis Clark, with any division of the NRC, including, but not limited to, Region III, Region V, the NRR, the OI, the OIA, the Commissioners or staff;

6. All documents or records which pertain or relate to the NRC's, including, but not limited to, Region III's or Region V's, investigation of, findings regarding or disposition of, Kent's allegations or comments concerning SONGS, Palisades or Midland;

7. All documents which pertain or relate to any investigation by the NRC's OIA, OI or NRR concerning the NRC's investigation of, findings regarding or disposition of Kent's communications and allegations made to the NRC regarding Midland, Palisades or SONGS;

8. All documents which pertain or relate to investigation of Kent's allegations regarding the Midland Twin Nuclear Power Plant made by Region III and the Brookhaven National Laboratories.

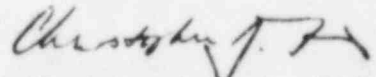
I hereby authorize the photocopying of those documents and the payment at the standard rate established by regulations. Prepayment will be furnished upon request.

If you have any questions regarding this request, please direct them to Steven L. Hock of this office or to the undersigned at (415) 392-6320.

Sincerely,

THELEN, MARRIN, JOHNSON & BRIDGES

By


Christopher J. Rillo

CJR:cf

see file



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

November 4, 1982

MEMORANDUM FOR: James E. Foster, Acting Director, Office of Investigations
Region III

FROM: Charles H. Weil, Investigator

SUBJECT: CONTACT WITH CONGRESSIONAL ADMINISTRATIVE ASSISTANT

On November 1, 1982, Dean Wilkson, Administrative Assistant to Congressman Kilde of Michigan, telephoned the Office of Investigations, Region III. Wilkson advised Congressman Kilde had been contacted by a constituent who demanded an investigation of welding activities at the Midland Nuclear Power Plant. Wilkson was reluctant to release the identity of the constituent.

Wilkson was asked if the constituent had provided any specific concerns or other information. The constituent did not provide any specific information in the letter to the Congressman. Wilkson believed the constituent had read recent newspaper articles concerning welding allegations (by E. E. Kent) at the Midland plant and had subsequently written to the Congressman.

Wilkson was apprised, in general terms, of the current investigation of welding at Midland (3-82-012). No further action is recommended.

James E. Foster
Charles H. Weil *for*
Investigator

cc: W. J. Ward, OI
J. G. Keppler, RIII
R. F. Warnick, RIII
W. D. Shafer, RIII
R. J. Cook, RIII
W. B. Menczer, RIII
R. J. Strasma, RIII

869-791592

798

November 4, 1982

MEMORANDUM FOR: James E. Foster, Acting Director, Office of Investigations
Region III

FROM: Charles H. Weil, Investigator

SUBJECT: CONTACT WITH CONGRESSIONAL ADMINISTRATIVE ASSISTANT

On November 1, 1982, Dean Wilkson, Administrative Assistant to Congressman Kilde of Michigan, telephoned the Office of Investigations, Region III. Wilkson advised Congressman Kilde had been contacted by a constituent who demanded an investigation of welding activities at the Midland Nuclear Power Plant. Wilkson was reluctant to release the identity of the constituent.

Wilkson was asked if the constituent had provided any specific concerns or other information. The constituent did not provide any specific information in the letter to the Congressman. Wilkson believed the constituent had read recent newspaper articles concerning welding allegations (by E. E. Kent) at the Midland plant and had subsequently written to the Congressman.

Wilkson was apprised, in general terms, of the current investigation of welding at Midland (3-82-012). No further action is recommended.

Charles H. Weil
Investigator

cc: W. J. Ward, OI
J. G. Keppler, RIII
R. F. Warnick, RIII
W. D. Shafer, RIII
R. J. Cook, RIII
W. B. Manczer, RIII
R. J. Strasma, RIII

OI:RIII
Weil/qg

Consumers begins inspection of cables at Midland plant

JACKSON (AP) — Consumers Power Co. has begun an inspection of some 9,000 safety-related electrical cables at the Midland nuclear plant, a Consumers spokesman said Wednesday.

The utility decided to inspect all the cables involved in operating the plant's nuclear reactors and safety systems in the wake of allegations by a former Midland plant worker that some cables were improperly substituted for those required in the plant's building specifications, said spokesman Michael Koschik.

"These charges were first made last June," he said. "To this date we don't know that the specific charges have been."

The charges originally were made in affidavits collected from former plant workers by the Governmental Accountability Project (GAP), based in Washington, D.C., and recently were repeated by the news media, Koschik said.

The person who made the allegations wrote that the improper cable substitutions could lead the nuclear plant to respond to erroneous control signals.

The inspection will take about six

months, Koschik said, adding the utility does not know how much it will cost.

The GAP affidavits were given in late June to the U.S. Nuclear Regulatory Commission, which has not yet completed an investigation. The NRC is keeping the identity of the former Midland workers who made the charges confidential.

Koschik said Consumers is beginning the cable inspection without knowing exactly what it is looking for. The utility has seen only news accounts of the allegations and has been urging the NRC to complete its probe and release its findings.

"We've been trying for four months to get specific information and have not gotten any cooperation from any knowledgeable individual or organization, so the only alternative is to inspect all 9,000 of them," Koschik said.

He said Consumers has checked several areas of the Midland plant to verify the accuracy of other allegations, but that the cable charges represent an unresolved "question mark." Koschik said, "You name the allegation and we either checked it or feel there is no substance to it."

Koschik said the cable inspection is an effort to make sure that all the work was done properly, or if it was not done properly, to correct it. Nobody has a greater interest in making sure the plant is completed and operated in a safe manner than us.

"We would have liked to have done this inspection program in a more systematic, less time-consuming and less expensive way, but we have had no cooperation from anyone with information. That's disappointing to us."

"We have been accused of less than adequate performance there (the Midland plant). When we try to determine whether our performance was in fact adequate, nobody will help us," Koschik added. He included in that group GAP, the NRC and media.

There are about 42,000 cable systems in the Midland nuclear plant. The new inspection will involve 9,000 cables which are needed to operate the two reactors, their control systems and backup safety systems.

N-plant soil hearings delayed

An illness suffered by a federal administrative judge has forced the postponement of the hearing on soil problems at the Midland nuclear plant.

Dr. Jerry Harbour, one of three administrative judges on an Atomic Safety and Licensing Board panel, entered the hospital Thursday for an ear operation, according to Charles Bechhoefer, chairman of the ASLB panel for the Midland plant.

Harbour will be prevented from traveling for several weeks after the operation. Bechhoefer said he considered asking a former ASLB judge to replace Harbour as the board's expert on soil and seismic issues, but decided against it.

The soil hearing was to resume Wednesday in Midland. That portion as well as a Nov. 1-5 hearing segment have been cancelled.

The hearing will now resume on Nov. 15 and run through Nov. 23, then from Nov. 30 to Dec. 10, Bechhoefer said. Topics for testimony remain the same as under the previous schedule, although



3-82-012

FOR IMMEDIATE RELEASE

MIDLAND, October 29, 1982 -- Consumers Power Company has reported to the U. S. Nuclear Regulatory Commission that its quality assurance department engineers have identified four improperly installed electric cables at the Midland Nuclear Plant.

The cables were found during an additional inspection initiated by Consumers Power Company to verify that all installed safety-related cables conformed to design requirements. To date over 425 cables have been re-inspected. This inspection is only one of numerous inspections and tests now underway or planned. The ultimate objective is to certify and document that the plant has been properly constructed and is ready for operation, according to J W Cook, company vice president in charge of building the project.

The cables, which have been replaced, were installed in July and August 1981, but had not yet been energized. The four cables, containing about 600 feet of wiring, are part of the plant's 10-million-foot electrical system.

The specific error discovered in the four cables was the substitution of a smaller wire size, number 14-gauge conductor, rather than the number 10-gauge specified. The 10-gauge wire can transmit higher electrical current than the smaller wire size. All other cable characteristics; insulation voltage rating and thermal qualifications, number of conductors, shielding, were appropriate.

The improper cables lead to two motor operated valves in the plant's decay heat removal system, part of a backup safety system used to cool the nuclear reactor. "The 14-gauge wire would probably have done the job should it have ever been needed," said Cook, "but it would not have provided the safety margin that is designed into the circuit."

2

He added that "Whether or not the wire would have performed the design function would have been fully demonstrated during the plant system's testing program scheduled to begin shortly and be completed prior to plant operation."

The discrepancy occurred when the cables were improperly marked after they were cut from larger reels in a separate building and sent into the plant to be installed. The inspection check which occurred after the original tagging did not identify the difference between the cable jacket markings and the tagging information.

The cables in question are among more than 9,000 safety-related cables that will be examined as part of this investigation of all safety-related cables installed at the Midland Plant. The investigation, which will take approximately six months to complete, is being done to verify that each cable is in fact the cable called for in the design and shown in the plant records. The company plans to periodically issue progress reports of the inspection program.

The investigation was organized following allegations of improper cable substitutions in some parts of the plant by an anonymous former worker. These charges were initially made last June, but no specific details have ever been provided to Consumers Power. However, recent media coverage provided enough detail so that an inspection plan could be generated, Cook stated.

Cook said utility officials have tried repeatedly over the past four months to obtain specific information on which to base an investigation.

"The company is committed to determine whether any allegations regarding the plant are valid and to correct any problems identified" he said. "The first results of our reinspection program are inconclusive regarding the allegation as we understand it, but as noted, the program has identified at least one cable package which contained erroneous cables."

Consumes Power has tried to obtain information from the self-styled whistle-blower organization, the Governmental Accountability Project, which initially publicized the charges last June, from the United States Nuclear Regulatory Commission which was given affidavits but has not yet conducted its own investigation, and from news representatives who have seen the affidavits and have periodically over the past four months asked the company to respond to the charges.

Investigation Data - Out Form

☒ Insert
☐ Modify
☐ Delete

Investigation
 Number
 121214F

Date
 Received
 030282

Name/Facility/
 Licensee
 MIDLAND

Docket
 Number
 05000329

Investigator
 FOSTER

Subject

SOCKET WELD DEFICIENCIES + MISC.

Action

REFER TO RESIDENT

Start date
 030382

Completion date

Report #

Report Due

Report Sent

Report Received

(HQ, LIC, DOJ, RI, etc)

Findings

Enforcement Action

0

Enforcement letter

Date

Response due

Response Rec

Ack due

Ack Sent

Date letter to

Allegor

Other References

Status

* these blocks must always be filled in



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

RILL PCR

MAR 24 1982

Docket No. 50-329(DETP)
Docket No. 50-330(DETP)

82-04

Consumers Power Company
ATTN: Mr. James W. Cook
Vice President
Midland Project
1945 West Parnall Road
Jackson, MI 49201

Gentlemen:

This refers to the routine safety inspection conducted by Mr. K. D. Ward of this office on March 2-4, 1982, of activities at the Midland Plant, Units 1 and 2, authorized by NRC Construction Permits No. CPPR-81 and No. CPPR-82 and to the discussion of our findings with Mr. W. Bird and others at the conclusion of the inspection.

The enclosed copy of our inspection report identifies areas examined during the inspection. Within these areas, the inspection consisted of a selective examination of procedures and representative records, observations, and interviews with personnel.

No items of noncompliance with NRC requirements were identified during the course of this inspection.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter and the enclosed inspection report will be placed in the NRC's Public Document Room. If this report contains any information that you (or your contractors) believe to be exempt from disclosure under 10 CFR 9.5(a)(4), it is necessary that you (a) notify this office by telephone within ten (10) days from the date of this letter of your intention to file a request for withholding; and (b) submit within twenty-five (25) days from the date of this letter a written application to this office to withhold such information. If your receipt of this letter has been delayed such that less than seven (7) days are available for your review,

820409030

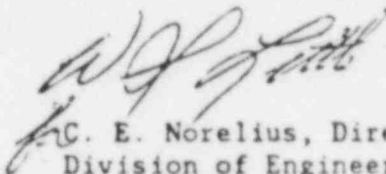
ZPP

MAY 24 1982

please notify this office promptly so that a new due date may be established. Consistent with Section 2.790(b)(1), any such application must be accompanied by an affidavit executed by the owner of the information which identifies the document or part sought to be withheld, and which contains a full statement of the reasons which are the bases for the claim that the information should be withheld from public disclosure. This section further requires the statement to address with specificity the considerations listed in 10 CFR 2.790(b)(4). The information sought to be withheld shall be incorporated as far as possible into a separate part of the affidavit. If we do not hear from you in this regard within the specified periods noted above, a copy of this letter and the enclosed inspection report will be placed in the Public Document Room.

We will gladly discuss any questions you have concerning this inspection.

Sincerely,



C. E. Norelius, Director
Division of Engineering and
Technical Programs

Enclosure: Inspection

Report No. 50-329/82-04(DETP)
and No. 50-330/82-04(DETP)

cc w/encl:

DMB/Document Control Desk (RIDS)
Resident Inspector, RIII
The Honorable Charles Bechhoefer, ASLB
The Honorable Jerry Harbour, ASLB
The Honorable Frederick P. Cowan, ASLB
The Honorable Ralph S. Decker, ASLB
Michael Miller
Ronald Callen, Michigan
Public Service Commission
Myron M. Cherry
Barbara Stamiris
Mary Sinclair
Wendell Marshall
Steve J. Gadler

U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Report No. 50-329/82-04(DETP); 50-330/82-04(DETP)

Docket No. 50-329; 50-330

License No. CPPR-81; CPPR-82

Licensee: Consumers Power Company
1945 W. Parnell Road
Jackson, MI 49201

Facility Name: Midland Plant, Units 1 and 2

Inspection At: Midland Site, Midland, MI

Inspection Conducted: March 2-4, 1982

Inspector: *D.H. Danielson*
for K. D. Ward, ..

3/10/82

Approved By: *D.H. Danielson*
D. H. Danielson, Chief
Materials & Processes Section

3/10/82

Inspection Summary

Inspection on March 2-4, 1982 (Report No. 50-329/82-04(DETP); 50-330/82-04(DETP))

Areas Inspected: Reports and radiographs of shop welds; previous inspection findings; nondestructive examination (NDE) personnel certifications of CPCo individuals; allegation. The inspection involved a total of 30 inspection-hours onsite by one NRC inspector.

Results: No items of noncompliance or deviations were identified.

~~50-329/82-04~~ 6pp.

DETAILS

Persons Contacted

Consumers Power Company (CPCo)

- *B. Marguglio, Director QA
- *W. Bird, Manager QA
- *R. Whitaker, Section Head - Fluids and Mechanical QA
- *R. Davis, NDE/Welding Group Supervisor QA
- M. Curland, QA Superintendent

Bechtel Power Company (BPCo)

- *E. Smith, QC Engineer
- *M. Dietrich, Project QA Engineer
- D. Fredianelli, LWQCE
- W. Creel, LPMQCE
- A. Van Den Bosch, CQCE
- A. McClure, PQAS

The inspector also contacted and interviewed other licensee and contractor employees.

*Denotes those attending the exit interview.

Licensee Action on Previous Inspection Findings

(Closed) Deviation (329/80-01-02; 330/80-01-03): "No positive way of tracking design changes and assuring that completed work is modified in accordance with design changes and no procedure for handling design changes made after completion of work." The inspector reviewed the final response to RIII from CPCo dated May 15, 1980 and the following procedures which state the required information.

- . Bechtel, Design Change Packages Interim Drawing Changes Notices, EDP14.47.1
- . Bechtel, Functional Turnover of Systems, Subsystems and Items, AAPD/PSPG-11.1

(Open) Unresolved Item (329/80-17-02; 330/80-19-02): "Radiographic linear indications of welds in two borated water storage tanks." In the Summer of 1982, the tanks may be drained and made available for radiography.

(Open) Unresolved Item (329/81-21-01): Possible altered radiographs. Waiting results of RIV inspection of Grinnell. Four welds of altered radiographs were found out of 46,505 shop radiographic views reviewed on site.

Functional or Program Areas Inspected

1. Allegations

- a. Region III received allegations indirectly from an individual who was previously employed at the Midland site by Bechtel Power Corporation for the purpose of training to be a Level I weld inspector in accordance with Bechtel Quality Control Instruction, Level I Fabrication, Welding, Heat Treating and Nondestructive Examinations of ASME Section III - Piping, PW-100. The individual failed the Level I test two times and was terminated.

The allegations were as follows:

- . Socket welds not being completely welded.
- . A steam line weld had concavity.
- . Problems in containment liner plate weld radiography.

BPCo had previously identified questionable areas in the inspection efforts of one QC welding inspector assigned to inspect socket welds. CPCo was notified of the problem March 2, 1982. BPCo is going to review 100% of the one QC welding inspector's efforts and random sample other inspector efforts in inspecting socket welds. CPCo may monitor the BPCo program. This is considered an unresolved item (329/82-04-01; 330/82-04-01) and the inspector will review this in depth at the next inspection.

The inspector visually examined the following socket welds in accordance with ASME Section III, 1971 Edition, Summer 1973 Addenda.

<u>Line #</u>	<u>Field Weld #</u>	<u>Diameter</u>
FSK-M-1HBC-58-2	FW50	2"
"	51	2"
"	56	2"
"	61	1"
"	62	1"
"	63	1"
"	64	2"
"	65	2"
"	88	2"
"	89	2"
"	90	2"
"	91	2"
FSK-M-1MBC-57-5	10	2"
"	11	2"
"	12	2"
"	13	2"

<u>Line #</u>	<u>Field Weld #</u>	<u>Diameter</u>
FSK-M-2HBC-57-1	118	2"
"	122	2"
"	123	2"
"	124	2"
"	125	2"
"	126	2"
"	127	2"
FSK-M-2HBC-57-1	128	2"
"	129	2"
"	130	2"
"	131	2"
"	132	2"
"	133	2"

The inspector visually examined steam line 2ELB-11 field weld 1, 36" diameter, nominal wall thickness 2.375". There is a slight offset which met ASME Section III, 1971 Edition, Summer 1973 Addenda. The weld has been blended for inservice inspection and appeared to be acceptable.

CPCo recently contracted Hartford Steam and Boiler/NDT Engineering, a company with qualified/certified radiographic film interpreters, to interpret the shop weld radiographs of Units 1 and 2 containment liner-plates 100%. This consisted of approximately 900 views. The results of the review found that approximately 20 welds had weld quality or radiographic technique problems. The results are documented in nonconformance report #M-01-9-2-025 issued February 19, 1982.

- b. CPCo received four allegations concerning B&W NDE work from an individual previously employed at the Midland Site (File 16.0, Serial 98FWA80, dated April 11, 1980). Three of the allegations were closed (Reference NRC Report No. 50-329/80-27; 50-330/80-28 and No. 50-329/81-06; 50-330/81-06). The fourth allegation has not been resolved to date. CPCo management in Jackson, Michigan is reviewing the allegation and has hired Teledyne Engineering Services to analyze the as-welded conditions for acceptability.

No items of noncompliance or deviations were identified.

2. Radiographic Review of Shop Radiographs (See NRC Report No. 329/81-21; 330/81-21)

The inspector reviewed several nonconformance reports on the 46,505 shop radiographs reviewed in 1981. Approximately 50 items that were radiographed were found to be unacceptable in weld quality or radiographic techniques. The items are to be resolved in the near future.

No items of noncompliance or deviations were identified.

3. NDE Personnel Certifications

The inspector reviewed the following CPCo NDE personnel certifications in accordance with SNT-TC-1A, 1975 Edition:

<u>Name</u>	<u>RT</u>	<u>PT</u>	<u>MT</u>
R. Davis	II	II	II
T. Charette	II	II	

No items of noncompliance or deviations were identified.

4. Review of Shop Radiographs

The inspector reviewed radiographs and reports of the following shop components.

- a. Radiography performed by ARMCo for Guyon Alloy Company in accordance with ASME Section III, 1977 Edition, Winter 1978 Addenda.

<u>System</u>	<u>Weld</u>	<u>Diameter</u>	<u>Thickness</u>	<u>Date RT</u>
SNO-8842	1P	12"	1.371"	8/8/80
SNO-8843	1P	12"	1.371"	8/8/80

- b. Radiography performed by Peabody Testing, X-Ray Engineering Company for Bechtel Corporation in accordance with ASME Section III, 1974 Edition, Summer 1974 Addenda.

<u>Component</u>	<u>Diameter</u>	<u>Thickness</u>	<u>Date RT</u>
5346-14-1-8 Gate Valve	4"	1/8" - 1 1/2"	10/13/76

- c. Radiography performed by Taylor-Bonney Division for McJunkin Corporation in accordance with ASME Section III, 1977 Edition, Winter 1978 Addenda.

<u>Component</u>	<u>Weld</u>	<u>Diameter</u>	<u>Thickness</u>	<u>Date RT</u>
90 Ell 802352	14	18"	0.395	12/17/79

- d. Radiography performed by ITT Grinnell Industrial Piping Inc. for CPCo in accordance with ASME Section III, 1971 Edition, Summer 1973 Addenda.

<u>System</u>	<u>Weld</u>	<u>Diameter</u>	<u>Thickness</u>	<u>Date Rt</u>
2CCB-6-S-604-9-L	E	4"	0.593"	1/25/77
2HCB-2-5-613-5-11	CR3	18"	0.437"	8/9/76

2HCC-84-S-604-18-1	B	2 1/2"	0.192"	9/26/77
2ELB-11-S-632-1-1	BUZ -	36"	1.379"	10/30/78
2HCB-16-S-604-6-2	C	6"	0.156"	6/22/77
2FCB-18-S-604-3-9	A	6"	0.312"	4/25/77

No items of noncompliance or deviations were identified.

Unresolved Matters

Unresolved matters are items about which more information is required in order to ascertain whether they are acceptable items, items of noncompliance, or deviations. Unresolved items disclosed during this inspection are discussed under the paragraph 1.a.

Exit Interview

The inspector met with site representatives (denoted in Persons Contacted paragraph) at the conclusion of the inspection. The inspector summarized the scope and findings of the inspection noted in this report. The inspector has been going on inspections to Midland since September 1978 and this was the most hostile exit interview ever encountered. The acting NDE and Welding Supervisor, Section Head, Fluids and Mechanical QA and the new Site QA Superintendent were very concerned with the socket weld problem noted in paragraph 1.a. The Site QA Superintendent informed the inspector prior to the exit that CPCo would establish an overview program to check into the welding and inspection of socket welds and qualification of QC personnel. However, at the exit this program was completely unacceptable to the QA Manager and Director. This matter is an unresolved item and this area will be reviewed indepth during a subsequent inspection.