

PUBLIC MEETING

MIDLAND NUCLEAR POWER PLANT

BY

J. J. HARRISON

AUGUST 11, 1983

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PDR FOIA
RICE84-96 PDR

REASON FOR CCP

A LONG HISTORY OF QA PROBLEMS OVER THE YEARS AT THE MIDLAND PLANT CULMINATED BY THE DIESEL GENERATOR BUILDING INSPECTION IN 1982. THE DGB INSPECTION IDENTIFIED MULTIPLE EXAMPLES OF NONCOMPLIANCES AND RESULTED IN A \$120,000 CIVIL PENALTY. CONSUMERS POWER COMPANY, SUBSEQUENT TO THIS INSPECTION, FOUND SIMILAR PROBLEMS IN OTHER PARTS OF THE PLANT.

ACTION REQUIRED BY NRC

AS A RESULT OF THE MANY QUALITY ASSURANCE PROBLEMS IDENTIFIED IN THE PAST AND THE FAILURE OF CONSUMERS POWER COMPANY TO EFFECTIVELY CORRECT THE DEFICIENCIES, THE NRC REQUESTED A PROGRAM BE DEvised TO TAKE A BACKWARD LOOK AT THE CONSTRUCTED AND INSPECTED PORTION OF THE PLANT TO ASSURE IT IS PROPER AND WHICH ASSURED THAT QA WOULD BE EFFECTIVELY IMPLEMENTED FOR THE REMAINING WORK AT THE PLANT.

CONSTRUCTION COMPLETION PROGRAM (CCP)

THE CONSTRUCTION COMPLETION PROGRAM (CCP) WAS PROPOSED BY CONSUMERS POWER COMPANY IN JANUARY, 1983, TO ACCOMPLISH THE REQUIRED ACTION. THIS PROGRAM WAS REVIEWED WITH THE NRC AT A MEETING OPEN TO THE PUBLIC HERE IN MIDLAND ON FEBRUARY 8, 1983. DURING THE RECENT MONTHS THE NRC HAS BEEN REVIEWING THE CONSUMERS

POWER COMPANY CCP SUBMITTALS AND ATTEMPTING TO SHAPE THE CCP INTO AN ACCEPTABLE FINAL PROGRAM. PART OF THIS REVIEW HAS BEEN TO RECOGNIZE THE COMMENTS MADE BY MEMBERS OF THE PUBLIC AND THE INTERVENORS. WE ARE NOW CLOSE TO A PROGRAM WE ARE HAPPY WITH. THIS AFTERNOON WE MET WITH THE INTERVENORS AND GAP TO MAKE SURE WE FULLY UNDERSTOOD THEIR CONCERNS AND COMMENTS, AND THIS EVENING WE ARE HAVING THIS PUBLIC MEETING TO PROVIDE ONE LAST OPPORTUNITY FOR ANY DESIRED INPUT INTO THE CCP. ALL COMMENTS, INCLUDING THOSE RECEIVED THIS EVENING, WILL BE CONSIDERED IN THE NRC FINAL QUESTIONS AND COMMENTS TO BE SENT TO CONSUMERS POWER COMPANY. UPON INCORPORATION OF THESE COMMENTS AND REVISION TO THE CCP, THE NRC PLANS TO, AFTER FINAL REVIEW, APPROVE THE CCP.

THIRD PARTY OVERVIEW

THE QA PROBLEMS AND THE LACK OF CONFIDENCE IN CONSUMERS POWER COMPANY'S QUALITY ASSURANCE PROGRAM WERE THE BASES FOR THE NRC REQUIRING AN INDEPENDENT THIRD PARTY TO BE UTILIZED TO OVERVIEW THE CCP. STONE & WEBSTER WAS PROPOSED BY CONSUMERS POWER COMPANY TO PERFORM THIS OVERVIEW. STONE & WEBSTER HAS HAD VERY LIMITED INVOLVEMENT IN THE DESIGN AND CONSTRUCTION OF THE MIDLAND PLANT AND IS ONE OF THE MAJOR ARCHITECTURAL FIRMS IN THE UNITED STATES. WHILE IT CAN BE ARGUED THAT STONE & WEBSTER HAS BEEN INVOLVED WITH PROJECTS WHERE THERE HAVE BEEN SIGNIFICANT QUALITY ASSURANCE PROBLEMS, STONE & WEBSTER HAS ALSO BEEN INVOLVED IN PROJECTS WHERE THE QUALITY ASSURANCE PROGRAMS HAVE BEEN LARGELY SUCCESSFUL. THAT RECORD PROBABLY FITS MOST OF THE FIRMS IN THE BUSINESS TODAY. AS SUCH, NRC HAS TAKEN GREAT CARE TO ASSURE THAT THE KEY PERSONNEL

ASSIGNED TO MIDLAND BY STONE & WEBSTER ARE QUALIFIED AND HAVE A GOOD "TRACK RECORD" AT OTHER SITES. THE NRC CONCLUDES THAT STONE & WEBSTER IS QUALIFIED TO PERFORM THIS TASK. NRC INTENDS TO APPROVE STONE & WEBSTER FOR THE OVERVIEW OF THE CCP.

ADDITIONAL THIRD PARTY OVERVIEW

THE TERA CORPORATION WAS SELECTED TO PERFORM THE INDEPENDENT DESIGN AND CONSTRUCTION VERIFICATION PROGRAM (IDCVP) AT MIDLAND. TERA'S SCOPE CURRENTLY INCLUDES REVIEW OF THE ADEQUACY OF DESIGN AND CONSTRUCTION OF THREE DESIGNATED SYSTEMS. THESE SYSTEMS ARE THE (1) AUXILIARY FEEDWATER SYSTEM, (2) DG STAND-BY ELECTRIC POWER, AND (3) CONTROL ROOM HVAC.

CONCERNS

THE CONCERNS OF THE INTERVENORS, GOVERNMENT ACCOUNTABILITY PROJECT (GAP), AND MEMBERS OF THE PUBLIC HAVE BEEN GIVEN DUE CONSIDERATIONS AND ARE BEST EXEMPLIFIED BY:

- PUBLIC MEETINGS ON FEBRUARY 8, 1983 AND ON AUGUST 11, 1983
- VARIOUS CORRESPONDENCE BETWEEN INTERVENORS, GAP, MEMBERS OF THE PUBLIC, AND THE NRC
- FORMAL AND INFORMAL MEETINGS BETWEEN THE NRC STAFF, THE INTERVENORS, AND GAP

VALID CONCERNS HAVE BEEN TAKEN INTO CONSIDERATION BY THE NRC STAFF AND HAVE HAD AN IMPACT ON OUR DECISION PROCESS. THIS IS BEST EXEMPLIFIED BY THE RECENT GAP REQUEST OF JUNE 13, 1983. SIX MAIN ISSUES WERE IDENTIFIED IN THIS REQUEST AND WILL HAVE AN IMPACT ON THE NRC FINAL DECISION REGARDING THE CCP. THESE ISSUES ARE:

- (1) MODIFY THE CONSTRUCTION PERMIT AND INCLUDE MANDATORY HOLD POINTS. THE NRC DOES NOT BELIEVE MODIFICATION OF THE CONSTRUCTION PERMIT IS WARRANTED IN THIS CASE. MANDATORY HOLD POINTS HAVE BEEN INSERTED INTO KEY POINTS IN THE CCP.
- (2) REQUIRE A MANAGEMENT AUDIT. THE NRC BELIEVES THIS REQUEST HAS MERIT AND WILL REQUIRE SOME TYPE OF MANAGEMENT AUDIT BE PERFORMED.
- (3) REJECT THE CCP AND STONE AND WEBSTER AS THE THIRD PARTY.

THE NRC HAS REVIEWED THE LATEST CCP SUBMITTAL. WHILE THIS REVIEW RESULTED IN THE GENERATION OF SEVERAL COMMENTS BY THE STAFF, NO SUBSTANTIVE ISSUES WERE IDENTIFIED. PENDING THE INCORPORATION OF THESE COMMENTS, THE NRC INTENDS TO APPROVE THE CCP.

THE NRC HAS COMPLETED A REVIEW OF S&W AS THE CCP INDEPENDENT THIRD PARTY OVERVIEWER. BASED ON THIS REVIEW, THE NRC HAS CONCLUDED THAT S&W IS QUALIFIED AND INTENDS TO APPROVE S&W FOR THE OVERVIEW OF THE CCP.

- (4) REMOVE THE QA/QC FUNCTION FROM MPQAD (CPCo) AND HAVE AN INDEPENDENT QA/QC TEAM REPORT TO NRC/CPCo MANAGEMENT SIMULTANEOUSLY

THE NRC BELIEVES THE RESPONSIBILITY FOR MANAGING, IMPLEMENTING, AND MAINTAINING A QUALITY PROGRAM MUST REMAIN WITH CONSUMERS POWER COMPANY. THE NRC AS A REGULATOR FOR NUCLEAR POWER CANNOT BE INVOLVED IN THE MANAGEMENT OF THE NUCLEAR PLANT IT IS REGULATING.

- (5) INCREASE THE NRC STAFFING FOR MIDLAND

THE NRC STAFFING PLAN INCLUDES (1) ADDITIONAL INSPECTION PERSONNEL FOR MIDLAND AND (2) AUGMENTED INSPECTION BY CONTRACT PERSONNEL FROM A NATIONAL LABORATORY.

- (6) REQUIRE DETAILED REVIEW OF SOILS SETTLEMENT RESOLUTION; DIESEL GENERATOR BUILDING

THE NRC HAS INITIATED ACTION TO REREVIEW THE SOILS SETTLEMENT DATA AND THE CONCERNS OF THE NRC STAFF. A REPORT WILL BE ISSUED WHEN THESE ACTIONS HAVE BEEN COMPLETED.

CONCLUSION

THE NRC BELIEVES THAT THE CCP WITH THIRD PARTY OVERVIEW AND NRC INSPECTION SHOULD IDENTIFY QUALITY PROBLEMS IN EXISTING CONSTRUCTION AND PROVIDE QUALITY IN NEW CONSTRUCTION AND IN ANY NECESSARY REWORK.

THANK YOU.

MEETING WITH INTERVENORS

AND GAP

BY

J. J. HARRISON

AUGUST 11, 1983

CONSTRUCTION COMPLETION PROGRAM -CCP

BASIS:

- HISTORY OF QA PROBLEMS
- LACK OF EFFECTIVENESS OF CORRECTIVE ACTIONS
- DIESEL GENERATOR BUILDING INSPECTION
- LICENSEE ALSO FINDS PROBLEMS SIMILAR TO DGB IN OTHER PARTS OF PLANT

ACTION REQUIRED BY NRC:

- BACKWARD LOOK; AS-BUILT VERSUS DESIGN
- FORWARD LOOK; PUT IN PLACE MEASURES TO PROPERLY COMPLETE PLANT

LICENSEE RESPONSE

- PROPOSED CCP

HISTORICAL PROBLEMS

- 1973 -- CADWELDS
- 1976 -- REBAR
- 1977 -- TENDON INSTALLATION
BULGE IN CONTAINMENT LINER
- 1978 -- SOILS SETTLEMENT
- 1979 -- HVAC
REACTOR ANCHOR STUDS
- 1981 -- PIPE SUPPORTS AND HANGERS
ELECTRIC CABLE ROUTING
- 1982 -- DIESEL GENERATOR BUILDING INSPECTION

QC INSPECTIONS (QC SUPERVISORS INSTRUCTING QC INSPECTORS TO SUSPEND INSPECTIONS OF EXCESSIVE DEFICIENCIES WERE FOUND)

BREAKDOWN IN QA

DIFFERENCES BETWEEN DRAWINGS AND AS-BUILT
CONDITIONS OF PLANT

DESIGN DOCUMENT CONTROL PROBLEMS

DESIGN CONTROL PROBLEMS

CONTROL PANEL TERMINATION PROBLEMS

ELECTRICAL CABLE SEPARATION PROBLEMS

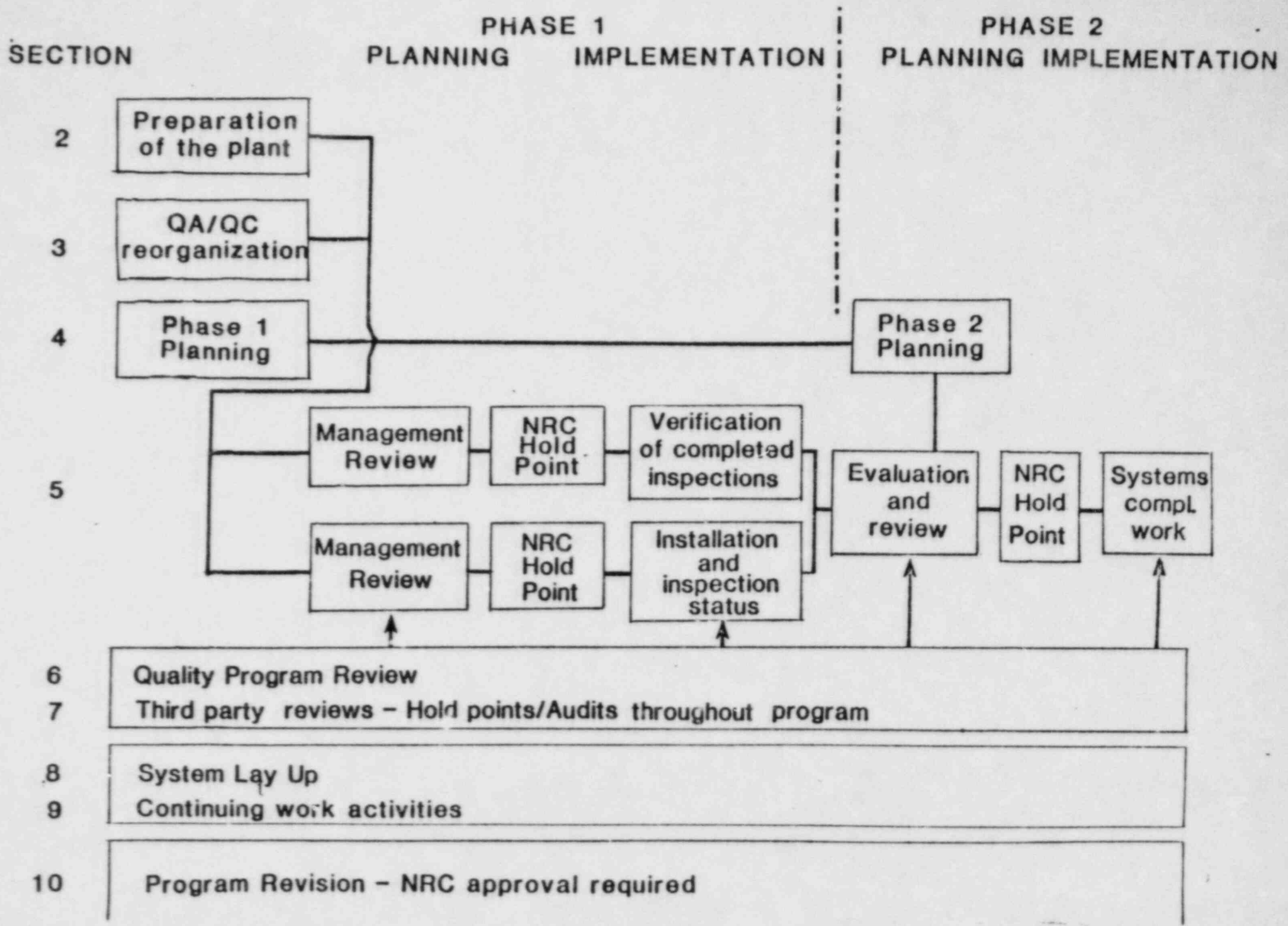
CONTROL OF WELDING PREHEAT TEMP

CONTROL OF NONCONFORMING CONDITIONS

CCP PREREQUISITIES:

1. 100% REINSPECTION OF THE PLANT
2. ESTABLISHMENT OF NRC HOLD POINTS
3. QA/QC REORGANIZATION
4. TRAINING AND RECERTIFICATION OF QC INSPECTORS
5. GENERAL TRAINING OF FIELD ENGINEERS/CRAFT
6. REVISE PQCI'S
7. CCP TEAM TRAINING
8. CCP APPROVAL
9. THIRD PARTY APPROVAL

CONSTRUCTION COMPLETION PROGRAM SCHEMATIC



CCP

SCOPE:

ALL SAFETY-RELATED SYSTEMS INCLUDED EXCEPT:

- . NSSS INSTALLATION WORK BY B&W
- . HVAC INSTALLATION WORK BY ZACK
- . POST SYSTEM TURNOVER WORK
- . PIPE HANGER AND CABLE REINSPECTIONS
- . REMEDIAL SOILS WORK
- . DESIGN ENGINEERING
- . SYSTEM LAY-UP

NRC HOLD POINTS:

- . TRAINING/RECERTIFICATION OF QC INSPECTORS
- . CCP TEAM TRAINING
- . PRIOR TO INITIATION OF PHASE I ACTIVITY
- . PRIOR TO INITIATION OF PHASE II ACTIVITY
- . OTHER
 - APPROVAL OF THIRD PARTY
 - APPROVAL OF CCP
 - APPROVAL OF HVAC ZACK WELDING PROCEDURE

THIRD PARTY OVERVIEW:

STONE AND WEBSTER PROPOSED

- INDEPENDENCE AND COMPETENCY
- CONSTRUCTION IMPLEMENTATION OVERVIEW (CIO)
 - . PROGRAM
 - . PROCEDURES
 - . CHECKLIST

SCOPE:

- CCP ACTIVITIES
 - PRE-PHASE I
 - . TRAINING
 - . MANAGEMENT REVIEWS
 - PHASE I
 - . VERIFICATION
 - . STATUS
 - PHASE II
 - . NEW WORK
 - . REWORK

ADDITIONAL SCOPE (OUTSIDE CCP):

- NSSS - B&W ACTIVITIES
- HVAC - ZACK ACTIVITIES
- SPATIAL SYSTEMS INTERACTIONS PROGRAM
- REMEDIAL SOILS/UNDERPINNING - SEPARATE S&W PROJECT

MONTHLY MEETING FOR THIRD PARTY UPDATE - OPEN TO PUBLIC FOR OBSERVATION

- CCP OVERVIEW
- REMEDIAL SOILS OVERVIEW

GAP 2.206 REQUEST

- (1) MODIFY CONSTRUCTION PERMIT
INCLUDE MANDATORY HOLD POINTS
- (2) REQUIRE A MANAGEMENT AUDIT
- (3) REJECT THE CCP
REJECT STONE & WEBSTER AS THE THIRD PARTY
- (4) REMOVE QA/QC FUNCTION FROM MPQAD (CPCo)
INDEPENDENT TEAM REPORTING TO NRC/CPCo MANAGEMENT SIMULTANEOUSLY
- (5) INCREASE NRC STAFFING FOR MIDLAND
- (6) REQUIRE DETAILED REVIEW OF SOIL SETTLEMENT RESOLUTION; DGB

CONCLUSIONS

- . MIDLAND HAS EXPERIENCED REPEATED QA PROBLEMS
- . LICENSEE HAS TAKEN ACTIONS TO RESOLVE THESE QA PROBLEMS AS THEY OCCURRED, ACTIONS OVERALL WERE INEFFECTIVE
- . AFTER SOME NECESSARY CHANGES, THE CCP WITH THIRD PARTY OVERVIEW AND NRC INSPECTION SHOULD IDENTIFY QUALITY PROBLEMS IN EXISTING CONSTRUCTION AND PROVIDE QUALITY IN NEW CONSTRUCTION AND ANY NECESSARY REWORK

OTHER THIRD PARTY

TERA CORPORATION

IDCVP FOR THREE SYSTEMS

- . AUXILIARY FEEDWATER
- . D.G. STANDBY ELECTRIC POWER
- . CONTROL ROOM HVAC

QA STUDY - FORD AMENDMENT - PROPOSED

PUBLIC MEETING
8/11/83 2:00 PM
Quality Inn Conf. Room

NRC ATTENDEES:

Darl Hood
Jim Fartlow
Jim Stone
Ron Cook
Tom Novak
Jim Lieberman
Darrell Eisenhut
Jim Keppler
Bob Warnick
Elinor Adensam
Jay Harrison
Ron Gardner
Russ Marabito

INTERVENOR ATTENDEES:

B. Stamiris
Lucy Hallberge
Leo Romo
B. Garde
Terry Miller
Kathy -----
Joel Tanner

- Keppler - Opening statement - Close to approving CCP. All comments today will be considered.
- Jay - Slide presentation
- Stamiris - Where are you in CCP approval?
- B. Garde - Will want more details on first phase
- Keppler - In Mgmt & Review Phase now?
- Jay - Yes.
- Eisenhut - Schematic laid out by CPCo and added to by NRC?
- Jay - Yes.
- Eisenhut - These are things to be done to make the CCP acceptable.
- Jay - Have proposals which have not yet been made to CPCo and CPCo will have a chance to rebut.
- B. Garde - Want time for written comments.
- Keppler - If CPCo adopts suggestions, NRC will approve unless substantive comments.

- Jay - NRC hold points required:
Training/recertification of QC inspectors
Prior to initiation of Phase I
Prior to initiation of Phase II
- Hold points will be in place until we're satisfied.
- B. Garde - What are you going to look at? Pipe hangers?
- Jay - Already started pipe hangers. Will be looking at --- hangers as well.
- B. Garde - Hanger reinspection for example - More scrutiny on first than on later?
- Jay - Not going to tell them what we're going to do.
- B. Garde - How is public going to know your inspection is adequate? If you only spot check?
- Jay - Don't know how much will be inspected. Won't know until we reach a comfortable point.
- B. Garde - Management review or paperwork review?
- Jay - Did management review last week. Everything o.k. Found problems with procedures.
- Keppler - Will go into this with enough depth to have confidence in CPCo. Hold monthly meetings to give public confidence and be able to assess how things are going.
- B. Garde - Perfectly reasonable. Don't like announced inspections, but that's assuming S&W is looking closely at CPCo.
- Jay - When we're satisfied - we'll lift the hold points and CPCo will be able to continue. Do not want to have to approve every step such as we are doing in soils.
- B. Garde - That's what I would like.
- B. Garde - Describe second hold point.
- Jay - After completion of all these activities will start on Phase 2.
- B. Garde - Saying NRC will take team in on each system?
- Jay - No - not 100% inspection. Just want to know system is working. To do what you want would require one on one. Random checks. When confident - will lift hold point and go into normal inspection mode.
- Keppler - Will check heavily at first and then back off. Placing a lot of emphasis on third party and very thorough review before lifting hold points.

- B. Garde - You trust CPCo. We don't. Don't feel Jay's explanation is adequate.
- Keppler - What do you want?
- B. Garde - Explained in 6/13 letter. Want to wait until Jay is done.
- Keppler - Don't want to argue. Want to hear your views. Maybe comments by S&W.
- S. Baranow - We believe it is an adequate program.
- B. Garde - Rev. 1?
- S. Baranow - Yes. Management Review meetings and training is our involvement now.
- S. Baranow - Intend 100% evaluation of inspection training. Adequate so far.
- How many on staff?
- S. Baranow - Nine.
- B. Stamiris - Same nine people who are reviewing soils?
- S. Baranow - No.
- Eisenhut - What will S&W's role be to verify that CPCo has done adequate job?
- S. Baranow - Have developed check lists which will be used in each room to physically verify that CPCo did an adequate job.
- Eisenhut - What kind of inspections. Give me a flavor.
- S. Baranow - Developed addressing all the important points of PQCI.
- Eisenhut - Make determination that CPCo has done an adequate job?
- S. Baranow - Yes.
- L. Hallberg- Will have more than nine? How many.
- S. Baranow - As many as necessary. If fifty are needed, will get fifty.
- Jay - Next step will be to bring staff up to fifteen.
- Baer - No restrictions on budget or personnel.
- B. Stamiris - What assurance that HVAC as-built is adequate?
- Jay - NRC and TERA and S&W are looking at them.

- Keppler - Concerns about Zack date back in time. Assigned group to look at Zack from OSC. Onsite inspection going on right now. Interviews with people who have concerns.
- B. Stamiris -Why did it not stop. Why exempted?
- Keppler - We found CPCo was controlling it. No basis to stop work on it.
- Warnick - Good reports from inspectors. No history of problems.
- Keppler - If we need to include it in CCP, we will.
- Jay - R. Cook very satisfied with welding procedure.
- B. Garde - How much has been ripped out since 1979/80?
- R. Cook - Work looked at by CPCo. Guess would be 1/3 torn out and a lot reworked since the 1980 period. CPCo doing QA/QC. Didn't work when Zack did their own. CPCo doing 100% inspection.
- B. Garde - How much has had to be redone. Will that be in Zack report?
- Warnick - Yes
- B. Garde - Going to put procedures checklist in PDR?
- Jay - Yes.
- Leo Romo - What will be verified under Phase I?
- Jay - Reinspection of work already inspected.
- L. Romo - S&W?
- B. Garde - Does S&W methodology describe how much will look at?
- Baer - Not 100% - Random sampling.
- B. Garde - Does detail how much to look at?
- Baer - No.
- S&W putting it's reputation on the line.
- B. Garde - Think S&W reputation already tarnished by work done at other sites. Will trust because work is adequate not because of reputation.
- Eisenhut - If sample not good enough - will increase sample. Difficult to instill confidence once lost.

- B. Garde - Pleased with TERA's methodology. Have confidence in Jay and the team. I trust them. Public has lost confidence and wants to know what's out there. Working out problems on methodology will prevent having these meetings.
- Eisenhut - Will be heavy amount of overview but process will not work perfectly from the beginning.
- Kathy - We are confident in NRC, Midland. When will there be more?
- Keppler - Seven more people for Midland and Zimmer working out of Illinois. Maybe one more resident at Midland.
- Kathy - Time frame?
- Keppler - No.
- B. Garde - Battered out over about 6 months the TERA program.
- Jay - Seven months on CCP already.
- B. Garde - Only three pages on S&W to look at.
- Jay - Will give sample procedures for you to look at with S&W approval.
- Jay - Correction - Something less than 100% of Zack reinspection by NRC. GAP 2.206 request (1) Don't feel modifying CP is needed at this time. (3) Do not intend to reject either (4) Will not require because would take NRC out of regulatory posture. (5) Will make increase in staff. (6) Issues have been reopened. Task force put together and issues will be reviewed.
- Jay - Conclusions
- B. Garde - Focus comments around issues raised in 2.206. Major problem with CCP as presented and your review goes back to quality verification of CCP Review. Feel confident of training, team training and statistical sampling plan. Not a lot of room for negotiations or presentation you have made. Original request for third party review still needed. want to know methodology. Will do conscientious review. S&W not adequate. Teams spotcheck o.k.
- Keppler - S&W material will be put in PDR.
- Terry Miller - Want to thank NRC, etc. Opposed to plant. Unnecessary, costly. Endorsed by mayors of Bay City and Saginaw. This company should not be allowed to verify their own construction. We have no trust in this company.
- Keppler - Could comment on overviews?
- Miller - Extremely impressed. Many things excellent. Third party should supervise the continuing construction. Public is aware CPCo is under the

gun as far as cost and scheduling. In paper daily. Tri-county community skeptical about program allowing utility to oversee their own construction.

- Kathy - Education campaign started in June. Brochures (Cost, Danger in Operation). People feel impotent to fight.
- Tanner - Soils settlement problem. Will NRC make their data available to an outside consultant.
- Eisenhut - Is all CPCo data.
- B. Garde - What kind of input would that expert have if we could raise the money to get him?
- Eisenhut - Provided resumes of five individuals who are noted in their field, brought in by Brookhaven Labs., and two other specialists. Will look at all records and information available - go out to the site. Am sure they will be happy to meet with your expert. Cannot commit beyond that.
- Tanner - Will he have available to him, every bit of data he will need?
- Eisenhut - It's all in the PDR.
- B. Garde - Can let us know in a day or so the boundaries of his involvement?
- B. Stamiris - Opinion on D. G. Bldg.
- Eisenhut - Congressional hearings first time I heard views against D. G. Bldg. Asked everyone else if they disagreed and no one else did.
- Romo - People in Tri-cities have lost trust in CPCo. Outline shows why. What about that which is not accessible? How can that be reviewed and what is percentage?
- Jay - Can only look at records on some things. Program set up on how to administer.
- B. Garde - Outline of CCP is not specific on what is and is not accessible. What plans have CPCo put forth to ----- . Why do you think documentation review is acceptable?
- Jay - Can't assume everything inaccessible is unacceptable. Will have to see what documents show us.
- Keppler - If five of fifteen accessible welds are bad - something would have to be done. If all fifteen were good, assumption would be that inaccessible welds would be good as well.

- B. Garde - Have considered a CAT inspection?
- Keppler - No. Have other plants that need to be looked at.
- Jay - Dedicated staff such as we have is much more effective. Reinforcing steel - many of the problems were way back when. Can't assume whole plant is bad because of what happened in D. G. Bldg.
- Lucy - Will we ever know what percentage of problems are inaccessible?
- Keppler - Oh sure.
- Lucy - How does Zimmer QCP compare to CCP?
- Warnick - Both require backward look. Both require work to be done by the utility. Identified over 15,000 nonconforming conditions. Stopping work not related to QCP
- Keppler - QCP working so well, it was almost a chaotic situation. Trying to fix things up before -----
- Luch - Why not take away QA/QC from CPCo now.
- Keppler - Must instill in utility a sense of responsibility to do the job.
- Eisenhut - Not in charter to overview or supervise. If it is completed, CPCo will have to operate it and you have to have confidence in them.
- Romo - What will happen if CPCo messes up again.
- Keppler - Things will come to a halt again.
- Eisenhut - Won't get a license if NRC doesn't have confidence.
- Stamiris - Isn't the close scrutiny by the NRC and the CCP itself a testimonial to your lack of confidence?
- Eisenhut - Not at all. -----No confidence without third party review.
- Stamiris - Don't you feel that allowing CPCo to go in to identify problems that exist poses an inherent conflict due to their financial problems?
- Eisenhut - (Couldn't get it)
- B. Garde - Summary comments - CPCo should not be trusted. Until public and you know what is on that site ---- Not totally comfortable with S&W. Can't make commitments to rest of program until we know ----. CPCo developing plan to meet your requirements not to deal with the problem that is out there. NRC hold points were not in first couple of versions of CCP. If plant operates one day, cost can be put in rate base.

8/11/83 - 2:00PM

-8-

Keppler - Jim Cook, do you have anything to say?

J. Cook - Team that is on site is eager to turn opinion around of NRC and public. Will try to show all of you with our actions.

Lerman



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

August 18, 1983

NOTICE OF SIGNIFICANT MEETING

Name of Licensee: Consumers Power Company

Name of Facility: Midland Nuclear Power Plant, Units 1 and 2

Docket No.: 50-329; 50-330

Date and Time of Meeting: August 25, 1983 at 10:00 a.m.

Location of Meeting: Quality Inn
Meeting Room A
1815 S. Saginaw Road
Midland, MI

Purpose of Meeting: To discuss the Stone and Webster independent third party overview of the Construction Completion Program

Region III Attendees:

Robert F. Warnick, Director, Office of Special Cases

Others as designated by Region III

Stone and Webster Michigan, Inc. Attendees:

A. P. Amoruso, Project Manager

Others as designated by Stone and Webster

Distribution:

E. Blackwood, Deputy Executive Director for Regional Operations and Generic Requirements

R. C. DeYoung, Director, Office of Inspection and Enforcement

J. M. Taylor, Director, Quality Assurance, Safeguards and Inspection Programs, IE

E. L. Jordan, Director, Division of Emergency Preparedness and Engineering Response, IE

J. A. Axelrad, Director, Enforcement Staff, IE

J. Lieberman, Director and Chief Counsel, Regional Operations and Enforcement, ELD

D. G. Eisenhut, Director, Division of Licensing, NRR

Midland

AUG 29 1983

MEMORANDUM FOR: James G. Keppler, Regional Administrator

FROM: R. F. Warnick, Director, Office of Special Cases

SUBJECT: MONTHLY STATUS REPORT FOR JULY, 1983

Attached is the status report for the Midland Project for the period of July 1 - July 31, 1983.

Should you have any questions regarding this information, please contact J. J. Harrison of my staff.

"Original signed by R. F. Warnick"

R. F. Warnick, Director
Office of Special Cases

Attachment: As stated

cc w/attachment:
D. G. Eisenhut, NER
J. E. Sniasek, IE
A. B. Davis, RIII
DMB/Document Control Desk (RIDS)

~~6307020349~~

OFFICE	RILL	JJA	JJA	RR	JJA	RFW		
SURNAME	Cook/cc	Landsman	Gardner	Harrison	Warnick			
DATE	8/26/83	8/26/83		8/26/83	8/29/83			



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

August 23, 1983

MEMORANDUM FOR: R. F. Warnick, Director, Office of Special Cases
FROM: R. J. Cook, Senior Resident Inspector, Midland Site
SUBJECT: MONTHLY STATUS REPORT

Attached is the status report for the Midland Nuclear Construction Site covering the period of July 1, 1983, through July 31, 1983.

The status report contains the input from each member of the Midland Inspection Site Team of the Office of Special Cases.

R. J. Cook
Senior Resident Inspector
Midland Site Resident Office

cc/attachments
J. J. Harrison
R. B. Landsman
R. N. Gardner
B. L. Burgess

~~8304020352~~

SUMMARY OF SIGNIFICANT MIDLAND ISSUES

1. Heating, Ventilation, and Air Conditioning (HVAC)

The Zack Company has continued to requalify additional welders using the revised and approved welding procedures. Zack is continuing production welding in conjunction with the availability of requalified welders.

A Region III inspector is currently investigating allegations involving the HVAC work onsite. The allegations were provided to the NRC in affidavits submitted by the Government Accountability Project (GAP).

2. Electrical

Nonconformance reports generated during the 100% overinspection of installed cables are being reviewed by appropriate licensee personnel for disposition and corrective action.

The licensee's investigation of electrical conduit hanger allegations ^{1/} has been completed and is under review by licensee management. These allegations are currently being independently investigated by the Midland Inspection Site Team.

3. Remedial Soils Work Authorization

The NRC was informed, during a licensee conference call, of a stop work issued on July 11, 1983 in response to two instances of problems with drilling dewatering wells near the Service Water Pump Structure (SWPS). At the present time all SWPS drilling remains stopped pending the licensee's completion of corrective action to prevent recurrence. AILB Board Notification of these and other events is being considered in a memo from R. F. Warnick to D. G. Eisenhut dated July 21, 1983.

During the report period, the following remedial soils work activities were authorized using the NRC approved work authorization procedure:

- a. Construction of new ring beams around Unit 1 and Unit 2 borated water storage tanks (BWSTs).
- b. Drift, excavate, install and load Pier KC3.
- c. Drift, excavate, install and load Pier KC10.
- d. Dutch cone soil testing in vicinity of OBS-4 for exploratory purposes.
- e. Install piezometers in auxiliary building control tower.
- f. Install strain gauges and terminate cables.

^{1/} Monthly Status Report dated June 24, 1983

4. Significant Meeting

On July 20, 1983, the NRC met with members of the Bechtel Power Corporation Supplier Quality and Procurement Division at the Region III offices. Representatives of Bechtel Power Corporation explained the improvements which had been made pertaining to quality procurement throughout the company. These improvements were made in response to NRC comments during a similar meeting held at Ann Arbor, Michigan in October, 1982.