

HANDSMAN



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

August 6, 1982

MEMORANDUM FOR: R. L. Spessard, Director, Division of Project and Resident Programs

THRU: <sup>RFW</sup> R. F. Warnick, Acting Director, Office of Special Cases

THRU: W. D. Shafer, Chief, <sup>WS</sup>Midland Projects Section

FROM: R. J. Cook, Senior Resident Inspector, Midland Site

SUBJECT: SALP III EVALUATION PERIOD

Ref: T. N. Tambling memo dated July 12, 1982

During our discussions with you and Mr. D. C. Boyd on July 19-20, 1982, it was my understanding that you were in favor of extending the SALP III evaluation period for the Midland Site from June 30, 1982 to December 31, 1982 for the following reasons:

- 1) The SALP II report was given to the licensee on April 26, 1982 and some of the issues are still being resolved between the licensee and the NRC. The last meeting conducted on these issues was on August 5, 1982.
- 2) With the late issuance of the Cycle II SALP report and some of the more controversial aspects of the SALP report being discussed at the present, the NPC could come under criticism for not allowing enough time for the effects of the SALP II comments to be implemented into the licensee's performance. A cursory review of the inspection and enforcement records for the period July 1, 1982 through June 30, 1982, indicates that in some of those areas identified as Category 3 during SALP II would remain Category 3 during SALP III.
- 3) Lengthening the SALP III evaluation period to December 31, 1982 can be used as a performance motivator in the following form: If the licensee is informed that he now has an additional six months to show improvement - the licensee may take advantage of the time and SALP III could reflect that there were difficulties in the first portion, but as a result of the findings for SALP II, the licensee was responsive. Should the record show that there is no or little improvement even after the results of SALP II, then this is an indicator without much doubt as to the steps the NRC needs to take in dealing with this utility.

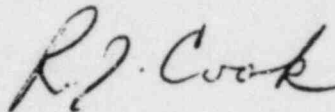
R. L. Spessard

2

August 6, 1982

The above concepts were discussed with Mr. T. N. Tambling on July 19 or 20, 1982 and he (Mr. Tambling) appeared to be receptive to these ideas and to extending the SALP III period to December 31, 1982.

Sincerely,

A handwritten signature in cursive script that reads "R. J. Cook". The signature is written in dark ink and is positioned above the typed name and title.

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

cc: D. C. Boyd  
T. N. Tambling

# Public Meeting 8-5-82

Carol's notes

Wernick - Opening Statement

Wells - Misunderstanding in action reflected in response

Reviewing response

Will be submitting additional comment

Why response to SALP -

Tow - Need to be sure responses are to correct issue  
SALP was in gen. terms. Felt need to respond  
more specifically.

Will continue to work on Regulatory performance.

- Looking for less misunderstanding

Press a discussion:

1) P. 5 - 2nd sentence (SALP) D. 4 (Response)

Concern is

Wells - tech. eval. done after event (<sup>to your concern</sup> because not done in  
timely manner?)

Ross - No document proving tech. capabilities

2) D. 5 (Response)

Wells - Trying to focus on primary issue

Key point - drilling up to rely on procedures

Just getting ready

Would not have started until

procedures in place

Ross - identified 15 deficiencies in procedures

Took 2 weeks to correct deficiencies

Ron - Called Tardeman because drills were moving

Wells - Toney communication - We told Ross - ready to  
drill, but procedures not complete. Trying to be  
prepared to begin work as soon as procedures approved.

Wells - Procedures approved on Mar 30

Ross - Insp. Rpt. # 81-09 - reviewed <sup>Woodward/Clyde</sup> Manual <sup>dated</sup> 3/23  
" Mar. 30 manual

Wells - QA manual was approved.

Gardner - Area should be ready to insp. when inspectors called.

Ross - Told drilling would start following morning -  
Told Walt - "I wouldn't drill if I was you".

Wells - Just trying to be ready when procedures approved.

Ross - My 15 items?

Wells - Conflicting opinions

Shaffer - CPCo says 15 items identified by them

Wells - Conflicting items

Shaffer - Implies NRC participating in CPCo review.

Wernick - Complete reviews before calling NRC.

Ross - Procedures you had were O.K., but ~~at~~ not enough procedures.

Wells - Everything would have been ready

Ross - Sketch being used instead of drawing

Wells - Our position - had not ~~released~~ given permission to drill.

- Wells - E-4 (Response) Soils Category (P6)  
 Failure to establish Test procedure - - -  
 ASTM procedures imposed on contractor  
 Inspector felt Corps of Eng. Proc. should have  
 supplemented them.
- Ross - NRC does not accept ASTM proc. to control  
 test. Implementing procedure required.
- Wells - ASTM self-explanatory
- Warmick - " <sup>ASTM</sup> Procedure must be subject to same approval  
 other procedures subject to -
- 2) People did not refer Ross to specific procedure  
 Should have been more definitive
  - 3) Valid item of noncompliance
- Cook - In SALP report (ref. 81-01) <sup>Other info</sup>  
 should have come out when we were  
 responding on given item of noncompliance.

Wells - "Ross asked Technicians for procedure & was handed  
 ASTM manual - We agree it was not right.  
 2) We concede we should respond in timely manner  
 3) ~~We believe~~ <sup>Do you mean</sup> that ASTM procedure detail should  
 have been reviewed by us?

Shaper - Review as to how it applies to work you  
 are doing. Is it specific enough?  
 Is it detailed enough to be used as  
 working level procedure. Individual in  
 field should have proper guidance from  
 mgmt.

Ross - Explaining ASTM procedure (from <sup>81-01</sup> report)  
 Need implementing procedures  
 Quote from Corp. of Eng. Manual (from <sup>81-01</sup> report)

Wells - We think statement was too broad, but  
 don't really want to discuss it further  
 at this time.

Ross - Not isolated case - 3 examples - Ref. # 81-01  
 ① Vibrating table - ② no procedure on where  
 to take soil samples - ③ not only location wise,  
 but elevation wise

- Wells - E.S. (Response)  
Failure to supply qualified on-site Geo-Tech Engineer.  
We feel we did
- Shaper - Gallagher transferred, but ---  
At no time did he recommend an individual for Geo-Tech. Was handed resumes in Ann Arbor, but had no comment.  
Concurred to deviation from commitment.
- Warnick - Commitment to qualified or degreed eng.
- Brid - Commitment was to have Geo-Tech Eng. University type.
- Wells - In our opinion were doing in compliance with NRC. Frustrating to find not right.
- Shaper - Instance of perceptions being different
- Ross - Made commitment for Geo-Tech on site. Gentleman was not acceptable & was replaced.
- Wells -
- Ross - He was a technician -- not an engineer.

Wells - E. 6 (Response)  
~~insufficient~~ personnel for future work?  
Please clarify.

Warnick -

Wells - We believe we had enough personnel

Ross - At time of inip. 81-12.

Ross - Don Horn used to work until 10 PM each night. Everyone agreed. Bird, Gallagher, everyone.

Cook - Your response says in terms of "is now" instead of "was then".

What is quality of personnel vs. quantity -  
Or do someone not letting them do their job?

Wells - Had we then met that requirement.

Warnick - You would like credit if you did

- General conv. among all

Warnick - Will go back & talk about it. Will supplement our report if need be.

Warnick - It is our position that you never did get enough people.



Wells - Were concerned, if you feel that. Through SA & P period - were we adequately staffed?

Ross - During this period you were - but we were addressing a future period.

Wells - Should have stated future

Cook - Had noted you should gear up. Enforcement issues on going. Quantity vs Quality

Ross - Stick by words in SA & P report. ref. 81-12 Not enough people available.

Warnick - Questions from Public?

Sharon Warren Statement

Warnick - Will be very disappointed if you<sup>(your audit)</sup> don't find any problems which exist regarding HVAC allegations.

Warren - Concerned over different reporting method on HVAC. CCPs & Com Ed. did not turn in a 50.55(e)

SHARON WARREN STATEMENT GIVEN AT THE CLOSE OF THE SALP MEETING WITH THE LICENSEE ON AUGUST 4, 1982 AT THE MIDLAND HOLIDAY INN, MIDLAND, MI.

We recognize that although this is a public meeting, it is primarily a meeting between the regulator (NRC) and the licensee. I appreciate the opportunity to attend and make a brief statement.

As everyone is aware, the Lone Tree Council and the Government Accountability Project has been monitoring the Midland situation for the last four months and the NRC SALP ratings reflect our findings with the exception of the Category I rating for HVAC. We are glad the licensee managed to obtain the Category I rating in one other area - Fire Safety.

Furthermore, we are aware that NRC will not change these SALP ratings. However, if any changes are made, it should only be in HVAC because of all the problems that exist in that area.

I am confident that RIII's next SALP report will reflect the HVAC problems.

I wish to reiterate that the HVAC problems of the ZACK Co. are as serious at Midland as they are at LaSalle.

The licensee is aware that the 10 CFR 21 report, released yesterday and prepared by the licensee, represented a review of 951 safety-related - I repeat safety-related travelers. Of those reviewed, there were problems with 270 of them. In the study of the licensee's fine of \$38,000 only two years ago by the NRC, I find it incredible that the same procedures have been followed by ZACK and the licensee as the ones which precipitated that fine.

A more comprehensive statement is being delivered to Mr. Keppler today in Washington by the Government Accountability Project.

Thank You

① <sup>td</sup>baseline has  
been started

② FIVP - 50 miles - no  
answer

③ Monitoring pits -  
talked to nobody

④ Soil grouting } NRR  
says

⑤ crack grouting }  
Frank

Shaffer with a  
meeting in his  
office 11:57 A.M.

Aux Building  
alert

action

requality

.005 →

C200

phone call  
Joe & Darl  
8-2-82

phase III & IV

Action

Warnick  
Cy to Shoper.



Consumers  
Power  
Company

James W Cook  
Vice President - Projects, Engineering  
and Construction

General Offices: 1945 West Parnall Road, Jackson, MI 49201 • (517) 788-0453

August 2, 1982

Mr Harold R Denton, Director  
Office of Nuclear Reactor Regulation  
Att: Division of Licensing  
US Nuclear Regulatory Commission  
Washington, DC 20555

PRINCIPAL STATE			
RA		CI	
O/PA		TF	
✓ W/S			
		FILE	✓

MIDLAND PROJECT  
MIDLAND DOCKET NO 50-329, 50-330  
MIDLAND CONCRETE WALL CRACK REPAIR PROGRAM  
FILE: 0485.16 SERIAL: 18371

A meeting was held on June 25, 1982 between Consumers Power Company and the NRC to resolve outstanding technical issues regarding the soils remedial actions. During the meeting, Consumers Power Company committed to repair concrete cracks in the category I safety grade buildings affected by the soil fill. The purpose of this letter is to formally document our commitments.

The crack repair program Consumers Power Company has committed to perform is based on the recommendations of our consultants and the concerns expressed by the NRC Staff. It applies to the Diesel Generator Building, Service Water Pump Structure, Control Tower and Electrical Penetrations Areas of the Auxiliary Building and Feedwater Isolation Pits. The Program, which will be completed prior to the first refueling of the plant, consists of the following three points:

Is this acceptable? → in SSER - NRC seal OK

- 1) Repair by epoxy injection any cracks in the structures which are below the permanent ground water table and which exhibit weeping characteristic. This repair will be performed from the inside of the structures.
- 2) Coat the splash zone of the exterior surface of the south wall of the Service Water Pump Structure which is in contact with cooling pond water with waterproofing compounds. The waterproofing compound will be one of the three compounds recommended by consultants in their report "Effects of Cracks on Serviceability of Structures in the Plant" submitted to the Staff as an enclosure to letter from J W Cook to H R Denton, Serial 16884, Dated April 23, 1982 or equivalent.

AUG 16 1982

Boo!

oc0782-0193a100

8208090055 820802  
PDR ADOCK 05000329  
A PDR

- 3) Repair by epoxy injection existing cracks which are 20 mils and larger and apply a sealant to the surfaces of the concrete walls in the following accessible areas (i.e. areas where removal of soil or installed equipment or installed components is not necessary to perform the repair). The extent (length) of the crack that will be injected with epoxy will be limited to crack widths of 10 mils or larger.

Diesel Generator Building

- (a) All accessible interior reinforced concrete walls.
- (b) All accessible exterior concrete walls.

Control Tower & Electrical Penetration Areas

- (a) All accessible exterior concrete walls.

SWPS

- (a) All accessible exterior concrete walls.

Prior to the initiation of repairs, all cracks 20 mils and larger and weeping cracks in the applicable areas will be identified. A verification of this identification to a tolerance of +5 mils will be performed. This verification and subsequent repair will be in accordance with the quality program. The material for structural epoxy adhesive will be "Concresive 1380" manufactured by Adhesive Engineering Company, or equivalent.

*James W. Cook*

JWC/WJC/mkh

CC Atomic Safety and Licensing Appeal Board, w/o  
CBechhoefer, ASLB, w/o  
MMCherry, Esq, w/o  
FPCowan, ASLB, w/o  
RJCook, Midland Resident Inspector, w/o  
RSDecker, ASLB, w/o  
SGadler, w/o  
JHarbour, ASLB, w/o  
GHarstead, Harstead Engineering, w/o  
DSHood, NRC, w/o (2)  
DFJudd, B&W, w/o  
JDKane, NRC, w/o  
FJKelley, Esq, w/o  
RBLandsman, NRC Region III, w/o  
WHMarshall, w/o  
JPMatra, Naval Surface Weapons Center, w/o  
WOtto, Army Corps of Engineers, w/o  
WDPaton, Esq, w/o  
SJPoulos, Geotechnical Engineers, w/o  
FRinaldi, NRC, w/o  
HSingh, Army Corps of Engineers, w/o/  
BSTamiris, w/o



BCC RCBauman, p-14-312B, w/o  
 AJBoos, Bechtel, w/o  
 JEBrunner, M-1079, w/o  
 WJCloutier, P-24-611, w/o  
 BDhar, Bechtel, w/o  
 EMHughes, Bechtel, w/o  
 RWHuston, Washington, w/o  
 JKMeisenheimer, P-14-100, w/o  
 JAMooney, P-14-115A, w/o  
 DBMiller, Midland, w/o  
 MIMiller, IL&B, w/o  
 KBRazdan, P-14-419, w/o  
 JARutgers, Bechtel, w/o/  
 JRSchaub, P-14-305, w/o  
 PSteptoe, IL&B, w/o  
 TJSullivan/DMBudzik, P-24-624A, w/o  
 RLTeuteberg, P-24-505, w/o  
 TRThiruvengadam, P-14-400, w/o  
 DJVandeWalle, P-24-414, w/o  
 FCWilliams, IL&B, w/o  
 NRC Correspondence File  
 DBMiller, Midland, Bechtel Bldg  
 JAMooney, P-14-115A  
 GBSlade, Midland  
 DLSowers, P-13-407  
 DMTurnbull, Midland  
 RAWells, P-14-113A

CONSUMERS POWER COMPANY  
Midland Units 1 and 2  
Docket No 50-329, 50-330

Letter Serial 18371 Dated August 2, 1982

At the request of the Commission and pursuant to the Atomic Energy Act of 1954, and the Energy Reorganization Act of 1974, as amended and the Commission's Rules and Regulations thereunder, Consumers Power Company submits additional information on Midland Concrete Wall Crack Repair Program.

CONSUMERS POWER COMPANY

By JW Cook  
J W Cook, Vice President  
Projects, Engineering and Construction

Sworn and subscribed before me this 2nd day of August 1982

Beverly A. Avery  
Notary Public Beverly A. Avery  
Jackson County, Michigan

My Commission Expires Jan 16, 1985