

DRAFT NOTES

MIDLAND

8/6/82

The Midland Section recommends that the following actions be considered by Region III in an effort to (1) improve the licensee's regulatory attitude and performance, and (2) provide increased assurance that completed and ongoing construction work is acceptable.

1. Establish an augmented inspection effort by the NRC.

A. Inspections should be concentrated in the following ten areas:

- (1) Soils
- (2) Electrical
- (3) I & C
- (4) High Pressure Piping
- (5) Hangers and Supports
- (6) Corrective Action System - including identification, documentation, resolution, and prevention of future events.
- (7) Receipt, Storage, and Handling
- (8) Structural Steel
- (9) Subcontractor Welder Qualification
- (10) Management Overview System

B. The effort as initially conceived will last from 6 to 12 months but it could last longer.

C. It is proposed that the inspections be performed by the Midland Section and 5 contract inspectors assigned full-time to the Midland Section and located onsite. The Midland Section would be as follows:

- (1) Shafer
- (2) Gardner
- (3) Landsman
- (4) Cook
- (5) Burgess
- (6) Welding & NDT-Contracted
- (7) Mechanical-Contracted
- (8) Electrical-Contracted
- (9) I & C - Contracted
- (10) Startup & Test-Contracted
- (11) Secretary (Full Time)

*Contract inspectors would work for NRC - cost to be born by utility*

2. Require the licensee to have an independent third party look at a vertical slice of a safety-related system from design through completion of construction.

3. Require the licensee to have all QC inspectors report to CPCo. (MPQAD)

4. Convince CPCo that Curland should be in charge of QA onsite and that he should report directly to Cook.

*Raises questions about Margaglio and Bird, Need new management reporting chain*

5. Conduct NRC exits with Construction Manager (Don Miller) and QA Manager.
6. NRC should get commitments in writing and should give release on hold points in writing.
7. CPCo should convince Bechtel that quality must be built into the plant. It cannot be inspected into it. If Leo Davis is convinced this is the most important thing his management wants, then it will be done.

*Following meeting with Bechtel top management by Kessler + NRR to improve Bechtel performance at Midland!*

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(several sub-items)

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