



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

NOV 17 1977

MEMORANDUM FOR: B. H. Grier, Director, RI
J. P. O'Reilly, Director, RII
J. G. Keppler, Director, RIII
E. M. Howard, Director, RIV
R. H. Engelken, Director, RV

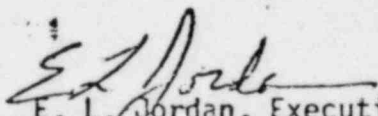
FROM: E. L. Jordan, XOOS

SUBJECT: GAO AUDIT OF CONSTRUCTION OF NUCLEAR POWER PLANTS

A meeting with GAO is anticipated in late December or early January to discuss the subject audit findings. It is planned that a Regional Directors meeting will be held in Bethesda in conjunction with the GAO meeting.

Discussion with the Construction Branch Chiefs during the November 15-16 Construction Counterpart meeting emphasized the need for IE to compile and review available information from each region related to the audit findings in advance of the meeting with GAO.

The regions are requested to provide information identified in the enclosure regarding GAO findings and concerns and IE followup on these matters by December 8, 1977. The regions are also requested to provide updates as additional information is generated.


E. L. Jordan, Executive Officer
for Operations Support, IE

Enclosure:
Request for Information Regarding
Each Construction Site Audited
by GAO

cc w/enclosure:
J. G. Davis
Division Directors
XOMA

ENCLOSURE

REQUEST FOR INFORMATION REGARDING EACH CONSTRUCTION SITE AUDITED BY GAO

1. Dates of Major Activities

- a. GAO site visits
- b. GAO regional review
- c. GAO debriefing
- d. IE site followup on potential safety concerns
- e. Transmittal of IE followup inspection/investigation results regarding potential safety concerns to GAO
- f. IE followup on program implementation concerns
- g. Communication of IE followup to GAO program implementation concerns, if applicable.

2. Potential Safety Concerns

- a. Method of debriefing by GAO
- b. Provide copy of GAO memo, GAO notes or IE notes
- c. Identify references for IE followup investigation/inspection
- d. IE manpower expended on investigation/inspection

3. Program Implementation Concerns

- a. Method of debriefing by GAO
- b. Provide copy of debriefing notes
- c. Results of IE review of concerns
- d. IE manpower expended on review

4. Other Comments, as applicable. *

Inspection Plan - Construction

Facility DIABLO CANYON UNIT 2

Docket No(s). 50-323

Dates of Inspection 10-25/28-77 INCLUSIVE

Type: ☒ Routine ☐ Non-Routine
☐ Announced ☒ Unannounced
☐ Other _____

Inspector D. F. KIRSCH

Assist Inspector _____

1. Open Items of Enforcement

2. Other Special or Open Items to be Examined

- a. RECORDS FOR CHG PUMP Z-2, RHR PUMP Z-2, SIS PUMP Z-2, BROWN INJECTION TANK.
- b. CONCRETE EXPANSION ANKAGE TESTING AND DATA.
- c. MINOR VARIATION REPORT AND DEVIATION REPORT REVIEW AND CLASSIFICATION
- d. LICENSEE SITE AUDITS FOR GENERAL CONSTRUCTION.
- e. STATUS OF SEISMIC LIMITER REINSPECTION PROGRAM
- f. TEST EQUIPMENT UTILIZATION AND CALIBRATION.
- g. MOUNTING OF STEAM GENERATOR SUPPORT STRUCTURE AND REACTOR HEAD LAYDOWN AREA SUPPORTS.
- h. INSPECT STORAGE CONDITIONS FOR CLASS 1 EQUIP.
- i. INSPECT REPAIR OF VALVE S/N 0067

3. Program Related Modules to be Used

Module No. or Series

Subject

4. Independent Inspection Effort

Approved: _____

Branch Chief

D. F. Kirsch
Reactor Inspector

IE:V Form 804

Jim Miller
Gaul

6/24/77

GAC =

John Boyle - Results of
Audit.

Items that they got from Craftmen
which they derived into.

To be followed by memo - probably
late last week.

Cooperation in RV + at District
both - excellent

Statements by Individuals
what was said - what GAO did -

X 1. Improper installation of pipe
hangers, racks & limiters

GAO - Contractor's license & contracts

people - well aware - Presently

conducting inspections -

conducting bolt strength test.

Individual didn't say whether he
was aware - Boyle discussed
with Kortenbuegger

Cannot give
name yet.

GAO - Miller (committee) letter
at 50 (unit 2) & 30 unit 1
Wells -

he believes no apparent violation
of codes. Several wells -
excessive well materials -
no NDT.

NOT CLASS 1
can not give
name yet.

X 4. Unit # 2 - elev ~~85~~ - a
structural support beam out
of level 1 spec in 6 ft.

5

GAC - Miller checked. Unable to
obtain clear view but visual
insp disclosed no alignment
problems.

5. Unit 2 - Elev 152 1/2

~~Welding~~ Pipe rack welding - poor quality
~~Iron welded~~ Iron welded section preheated
or stress relieved

GAC - Miller - Welding appears
to be of ~~code~~ quality, but
could not determine whether
preheated or stress relieved.

X6. Unit 2 - Elev 132 1/2

Some parts
as item 4 Pipe rack out of square

Grilling GAC - Miller could not evaluate
but visual insp revealed
no apparent misalignment.

