

JUL 27 1983

Docket Nos.: 50-528/50-529
and 50-530

APPLICANT: Arizona Public Service Company
FACILITY: Palo Verde, Units 1, 2 and 3
SUBJECT: SUMMARY OF CASELOAD FORECAST PANEL VISIT

A Caseload Forecast Panel visit was held at the Palo Verde site on June 22 and 23, 1983 to review current plant status. The agenda for the visit is shown as Enclosure 1. An exit meeting was held in Phoenix, Arizona on June 24, 1983. The visit is summarized as follows:

Summary

On the morning of June 22, the applicant made a presentation which covered the agenda items shown in Enclosure 1. Attendees for the presentation are listed in Enclosure 2.

For Unit 1, the applicant stated that it is over 99% complete and expects to load fuel by November 1983. About 80% of the subsystems have been turned over for startup testing and about 40% of the tests have been completed.

The applicant stated that Unit 2 is over 97% complete and the applicant is trying to load fuel prior to the August 1984 scheduled date. About 11% of the subsystems have been turned over for startup testing and testing is expected to start in earnest later this year.

Unit 3 is about 65% complete and fuel load is projected for January 1986.

On the afternoon of June 23, the Forecast Panel toured all major structures in the Unit 1 facility. Hot functional testing was in progress at the time the Unit 2 and Unit 3 facilities were toured on June 23.

The exit meeting was held on the morning of June 24 and the attendees are listed on Enclosure 3. We informed the applicant that we would not be able to complete our assessment of plant status until after we returned to Bethesda, Maryland. We will advise the applicant of our dates after the assessment is complete.

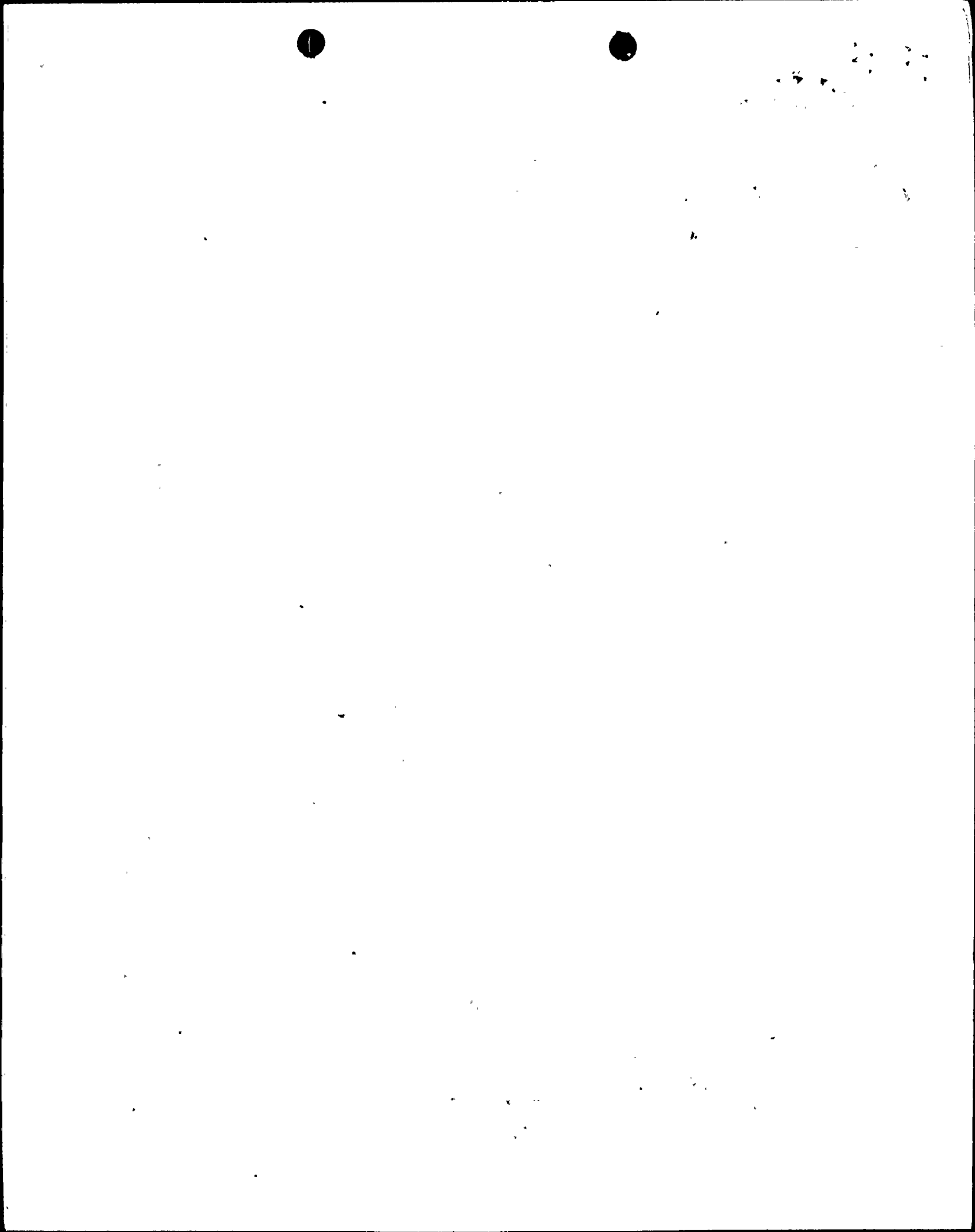
Original signed by
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OFFICE	Enclosures: See next page	DL:LB#3 MLicitra:ph 7/26/83	DL:LB#3 GKington 7/26/83			
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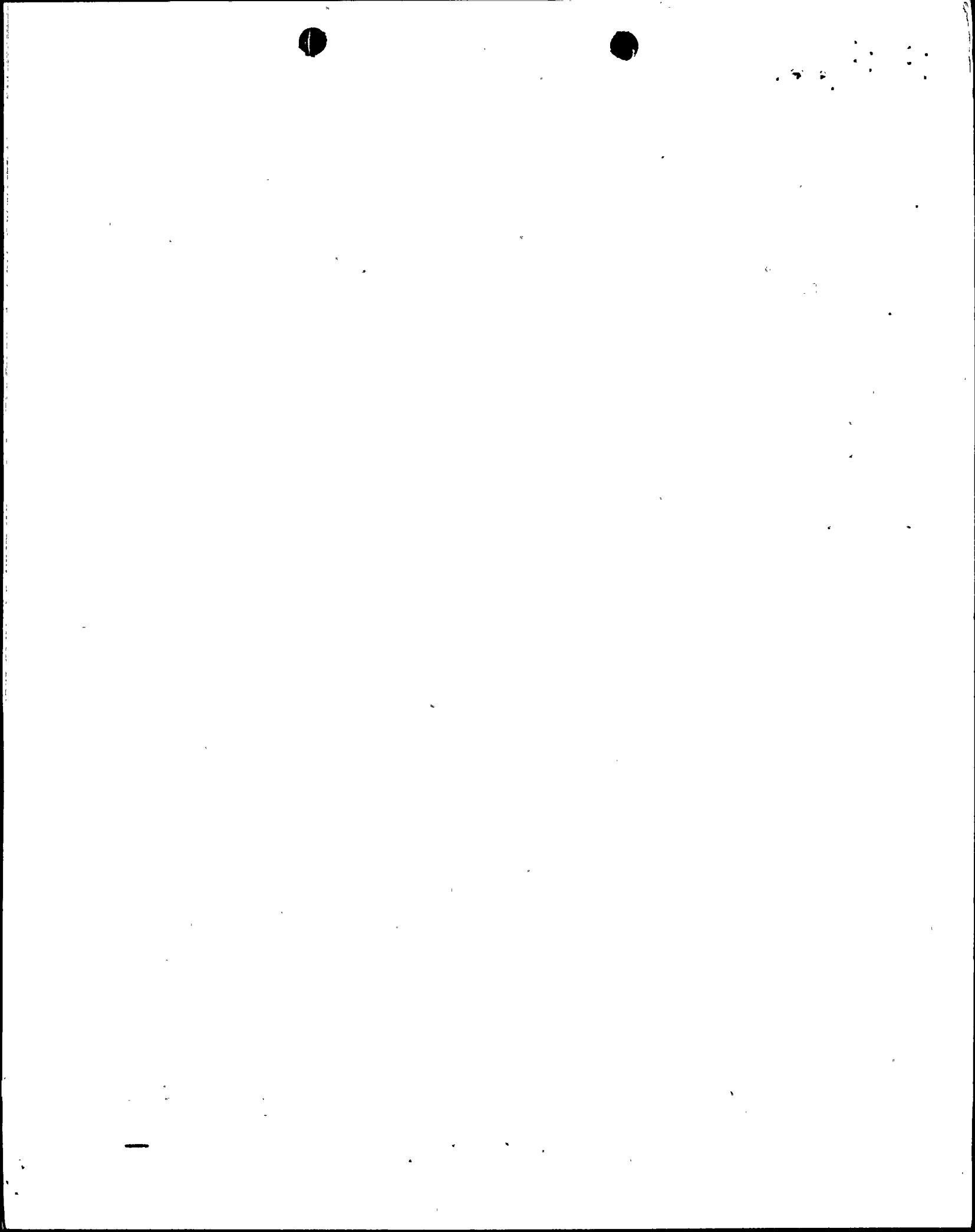
Enclosures:

- 1. Site Visit Agenda
- 2. Meeting Attendees - June 22, 1983
- 3. Meeting Attendees - June 24, 1983

cc w/enclosures:

See next page

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Palo Verde

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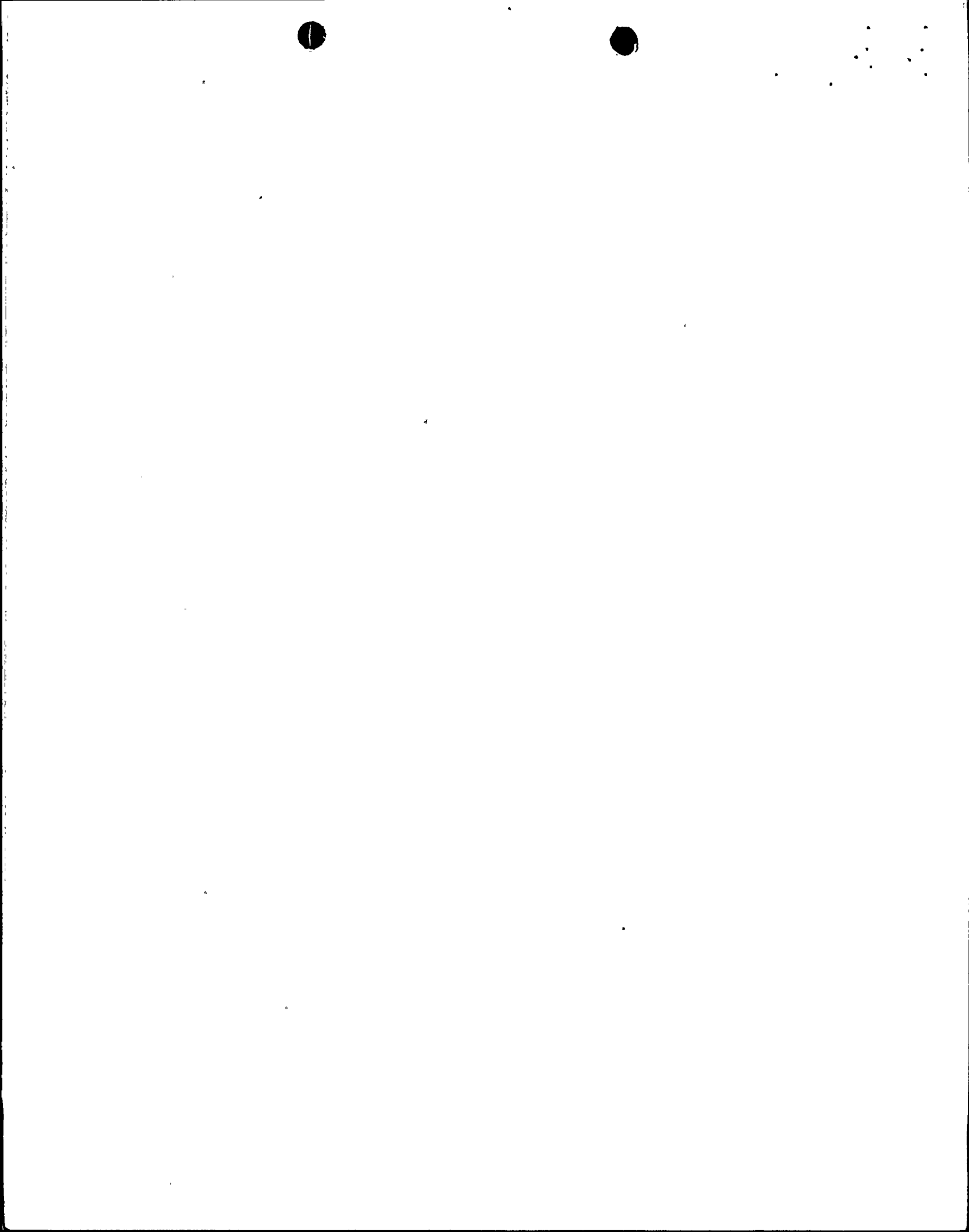
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CASELOAD FORECAST PANEL SITE VISIT
Palo Verde Units 1, 2 and 3
MEETING AGENDA

Presentation for each unit

1. Overview of project construction and preoperational testing schedule, including progress and major milestones completed, current problems and any anticipated problem areas that may impact the current projected fuel load date.
2. Detailed review and current status of design and engineering effort (by major discipline), including any potential problems that may arise from necessary rework.
3. Detailed review and current status of procurement activities, including valves, pipe, instruments, cable, major components, spare parts, etc.
4. Actual and proposed craft work force (by major craft), craft availability, productivity, potential labor negotiations and problems.
5. Detailed review and current status of all large and small bore pipe hangers, restraints, snubbers, etc., including design, rework, procurement, fabrication, delivery and installation.
6. Detailed review of project schedule identifying critical path items, near critical items, amount of float for various activities, the current critical path to fuel loading, methods of implementation of corrective action for any activities with negative float, and provisions for contingencies. The estimated project percent complete as of May 31, 1983.
7. Detailed review and current status of bulk quantities, including current estimated quantities, quantities installed to date, quantities scheduled to date, current percent complete for each, actual versus forecast installation rates, in cubic yards/mo., linear feet/mo., or number/mo., and basis for figures.
 - (a) Concrete (CY)
 - (b) Process Pipe (LF)
 - Large Bore Pipe (2 1/2" and larger)
 - Small Bore Pipe (2" and smaller)
 - (c) Yard Pipe (LF)
 - (d) Large Bore Pipe Hangers, Restraints, Snubbers (ea)
 - (e) Small Bore Pipe Hangers, Restraints (ea)
 - (f) Cable Tray (LF)



- (g) Total Conduit (LF)
 - (h) Total Exposed Metal Conduit (LF)
 - (i) Cable (LF)
 - Power
 - Control
 - Security
 - Instrumentation
 - Plant Lighting
 - (j) Terminations (ea)
 - Power
 - Control
 - Security
 - Instrumentation
 - Plant Lighting
 - (k) Electrical Circuits (ea)
 - Power
 - Control
 - Security
 - (l) Instrumentation (ea)
8. Detailed review and current status of preparation of preop and acceptance test procedures, integration of preop and acceptance test activities with construction schedule, system turnover schedule identifying each system and status, preop and acceptance tests schedule identifying each test and status, current and proposed preop and acceptance tests program manpower.
- (a) Total number of procedures required for fuel load.
 - (b) Number of draft procedures not started.
 - (c) Number of draft procedures being written.
 - (d) Number of procedures approved.
 - (e) Number of procedures in review.
 - (f) Total number of preop and acceptance tests required for fuel load identifying each.
 - (g) Number of preop and acceptance tests completed identifying each.
 - (h) Number of preop and acceptance tests currently in progress identifying each and status.
 - (i) Number of systems and/or subsystems turned over to start-up identifying each.



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9. Detailed discussion and status of changes attributed to NUREG-0737 and other recent licensing requirements.
10. Discussion of schedular impact, if any, regarding potential deficiencies reported in accordance with 10 CFR 50.55(e).
11. Overview of current construction and startup management organization showing interfaces between the two.
12. Site tour and observation of construction activities.



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ATTENDANCE SHEET - CASELOAD FORECAST 6/22/83

1. Bill Quinn, APS
2. Mike Jones, APS
3. John Allen, APS
4. John Kirby, APS
5. Carl Andognini, APS
6. Ken Kieselbach
7. Stuart Wilkening, Bechtel
8. Jerry D. Houchen
9. Will Jump
10. Mark Mahan
11. Steve Day
12. Manny Licitra, NRC
13. Bill Lovelace, NRC
14. Dick Hartfield, NRC
15. John Roedel, APS
16. Edwin E. VanBrunt, Jr., APS
17. W. G. Bingham, Bechtel
18. Art Gehr



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MEETING ATTENDEES

NAMEAFFILIATION

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W. Lovelace
R. Hartfield
B. Quinn
C. Andognini
J. Kerby
A. Rogers
M. Jones
G. Johnston
S. Wilkening
E. Van Brunt

NRC/DL/LB3
NRC/RM
NRC/RM
APS
APS
APS
APS
APS
NRC/Resident
Bechtel
APS



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MEETING SUMMARY

Document Control (50-5287529/530)*

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L. PDR

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TERA

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