

MAR 22 1983

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

MEMORANDUM FOR: George W. Knighton, Chief, Licensing Branch No. 3, DL
FROM: E. A. Licitra, Project Manager, Licensing Branch No. 3, DL
SUBJECT: FORTHCOMING SITE AUDIT OF POWER SYSTEMS FOR PALO VERDE

DATE, TIME April 6 and 7, 1983 (Wednesday & Thursday)
AND 8:30 am; Palo Verde Site
LOCATION: Maricopa County, Arizona

April 8, 1983 (Friday)
10:00 am
Snell & Wilmer
Phoenix, Arizona

PURPOSE: To conduct a site audit of Power Systems (see attached agenda) for Palo Verde.

PARTICIPANTS: NRC
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APS
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Enclosure:
Site Visit Agenda

cc: See next page

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DATE	3/2/83						

10/10/77

10/10/77

Palo Verde

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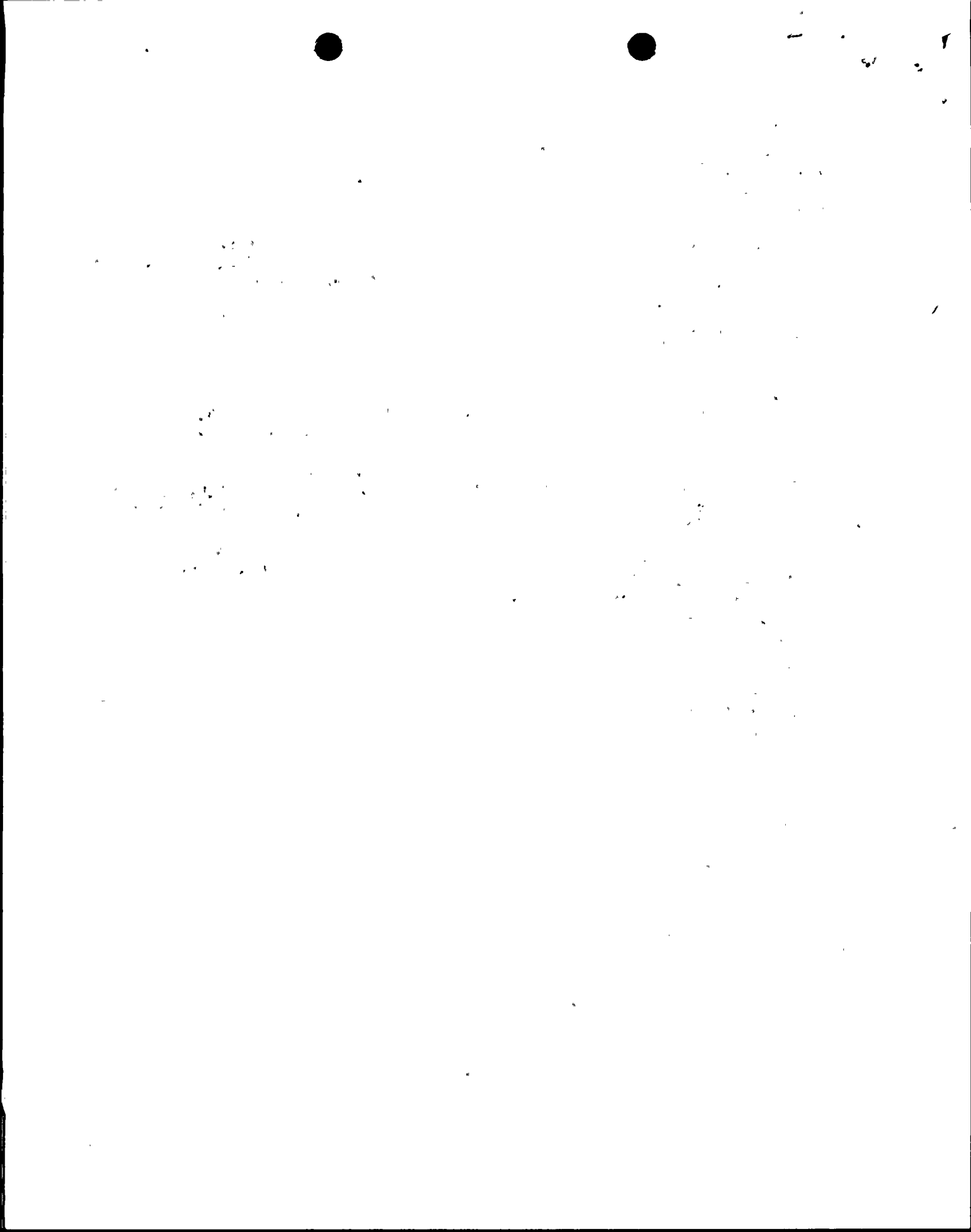
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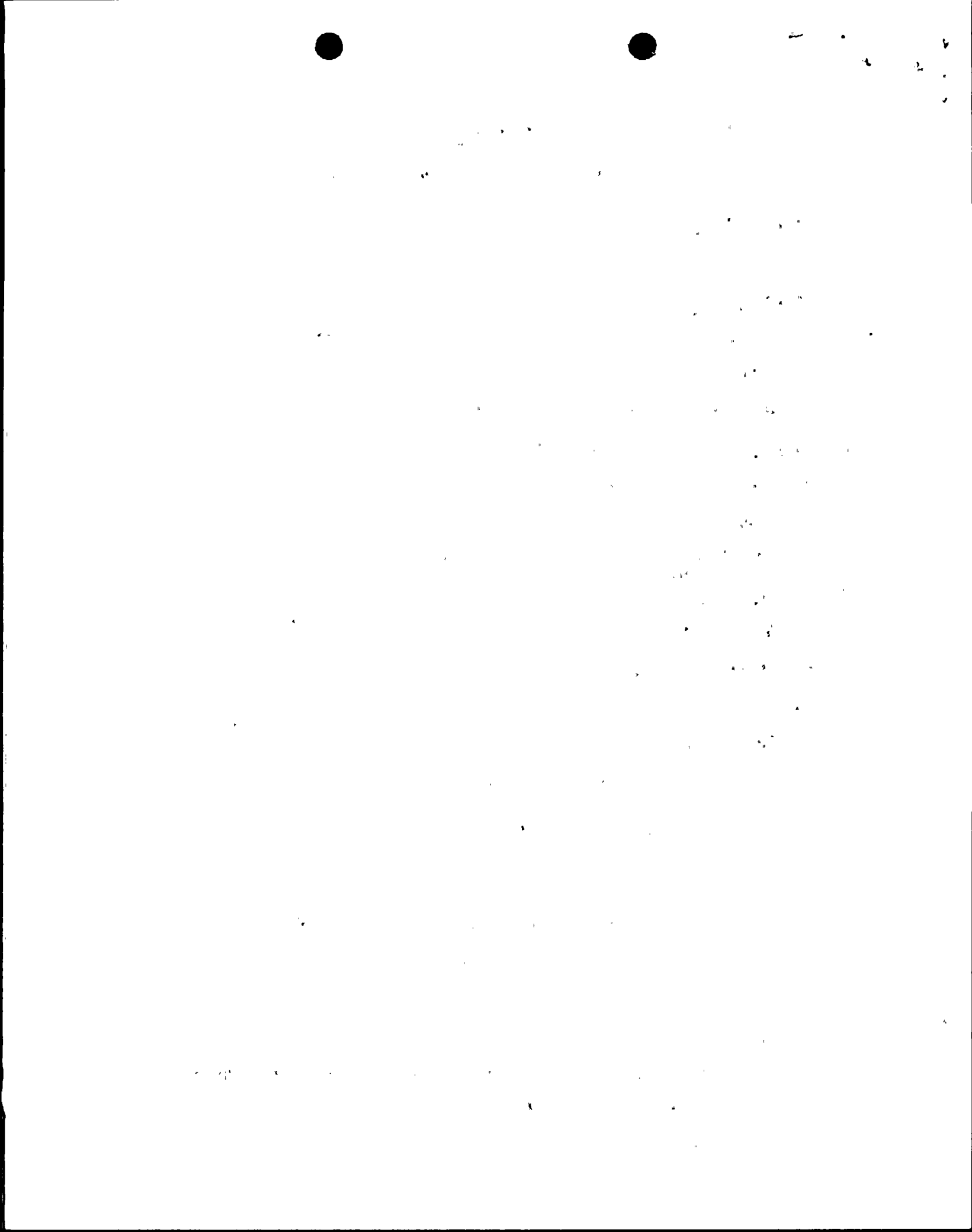
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PALO VERDE

AGENDA FOR SITE VISIT AND DRAWING REVIEW

1. Opening Remarks
2. Control Room
 - a. Diesel control board, D/G inoperable status alarm
 - b. Annunciator panel
 - c. D. C. system monitoring and alarm
3. Cable Runs and Cable Spreading
 - a. Degree of separation
 - b. Penetrations and cable terminations
 - c. Identification of cables and raceways
4. Switch Gear Rooms
 - a. General layout
 - b. Physical and electrical separation of redundant units
5. Battery and Charger Installations
 - a. General layout
 - b. Physical and electrical separation
 - c. Ventilation independence
 - d. Monitoring instrumentation and alarms
6. Diesel Generator
 - a. Physical and electrical separation of redundant units
 - b. D/G local control panels, instruments and controls
7. Switchyard
 - a. General layout
 - b. Physical and electrical separation of transmission lines, buses, breakers
 - c. Relay house
 - d. Control power supplies (AC and DC)



8. Reactor Building
 - a. General layout
 - b. Separation of piping and cabling to redundant equipment
9. Shutdown Outside Control Room
 - a. Remote shutdown panel arrangement, separation and layout
 - b. Identification of control and monitoring equipment
10. ESF Systems and Pump Rooms
 - a. General layout
 - b. Physical and electrical separation of redundant equipment
 - c. Identification of cables, raceways and equipment
11. Vital Instrumentation Power Supply Installation
 - a. General layout
 - b. Physical and electrical separation
 - c. Monitoring instrumentation
 - d. Identification of cables, raceways and equipment
12. System Drawings
 - a. As built D/G control drawings showing (1) bypassing of protective trips on SIAS and (2) SIAS overrides test mode to permit response to SIAS signal
 - b. Sample as built schematics showing thermal overload bypass
 - c. Sample as built schematics showing power lockout to active and passive valves - redundant valve indication
 - d. Sample as built schematics showing automatic disconnection of non-safety loads from the safety buses on a safety injection signal
 - e. Sample as built schematics showing electrical penetration overload protection
13. Verification of design items identified in SER Pages 8-16, 8-17 and 8-19.



11-11-11

MEETING NOTICE

MAR 22 1983

Document Control (50-528/529/530)

NRC PDR
L PDR
PRC System
NSIC

LB#3 Reading

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