

TO INFOMASTER

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FROM DISTENGR TULSA OK//SWTED-G//
TO ARC WASH DC//SGEB-VRR// (J. KANE)
INFO CDRUSACE WASH DC//DAEN-CWE-S//
CDRUSAEDSW//SWDED-G//

ACCT NO DA BHCSVD

UNCLAS

SUBJ PALO VERDE NUCLEAR POWER PLANT, PHOENIX ARIZONA, GEOTECHNICAL
REVIEW OF REPORTS ON CONDITION OF BACKFILL AFTER PIPE LEAKS

1. THE FOLLOWING AGENDA IS SUGGESTED FOR THE PROPOSED SITE VISIT
TENTATIVELY SCHEDULED FOR AUGUST 22-23, 1984:

DAY ONE - VISIT SITE

A. WOULD LIKE TO SEE ALL KNOWN EXIT POINTS FOR EACH LEAK.

B. IF POSSIBLE WOULD LIKE TO SEE CONDITION OF FILL IN
AREAS WHERE IT WAS SATURATED BY LEAKAGE AND IN UNDISTURBED AREAS.

DAY TWO - MEETING WITH PEOPLE FAMILIAR WITH DESIGN, CONSTRUCTION,
LEAKAGE PROBLEMS, FOUNDATION CONDITIONS, AND GROUTING.

2. THE FOLLOWING QUESTIONS AND COMMENTS ARE BASED ON THE FIRST
LOOK AT THE MATERIAL FURNISHED FOR REVIEW:

A. IN RESPONSE TO ARC QUESTION #3, STATEMENT IS MADE
THAT ONLY ONE EXIT POINT FOR LEAKAGE OCCURRED (INTO SEISMIC GAP).
WHERE WAS SEEPAGE NOTED ON THE SURFACE AS REPORTED IN THE NEWSPAPER?

B. DURING THE GROUTING PROGRAM IT IS NOTED THAT THE LARGEST
EXCESS GROUT TAKE OCCURRED AT UNIT #3. NO ERODED FILL MATERIALS
WERE OBSERVED AT THE REPORTED EXIT POINT FOR THIS LEAK. UNDETECTED
PIPING MAY HAVE OCCURRED. WHAT ARE POTENTIAL CONSEQUENCES OF
UNDETECTED EROSION OF FILL IN THIS AND OTHER AREAS?

C. NO DISCUSSION OF SETTLEMENT OF EQUIPMENT HATCH OR
POTENTIAL LOSS OF SUPPORT UNDER THIS STRUCTURE OR THE ADJACENT
WING OF THE AUXILIARY BUILDING AND OTHER NEARBY STRUCTURES WAS
PROVIDED. EXPLAIN WHY THIS WAS NOT NECESSARY CONSIDERING THE
LEAKAGE THAT EXITED INTO THE SETTLEMENT HATCH AND THE POSSIBILITIES
OF UNDETECTED EROSION.

3. IF AVAILABLE, PLEASE FURNISH THE FOLLOWING ADDITIONAL REPORTS.

A. DIRECT STATEMENTS OR REPORTS FROM THE ENGINEER THAT
REPORTED THE DEFICIENCY.

B. AS BUILT GEOLOGIC AND SOILS MAPS.

C. FOUNDATION REPORTS DESCRIBING GEOLOGY, SOILS, AND
FOUNDATION DESIGN.

BT

FACSIMILE HEADER SHEET
(ER 105-1-5)

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PDR ADOCK 05000528
A PDR

ENG FORM 4460
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FROM (Name) J. WAGNER	OFFICE SYMBOL SWTED-GS	TELEPHONE NO. (FTS) 745-6156	RELEASEE'S SIGNATURE <i>John Wagner</i>		
TO (Name) J. KANE	OFFICE SYMBOL SGEB-NRR	TELEPHONE NO. 492-8110	PAGES 2	PRECEDENCE	DTG

SUBJECT

Verification # 8-492-7371

PALO VERDE PROJECT

GEOTECH. MTC

8/22/84

Tour

ATTENDEES

1	Kent Jones	APS	Licensing
2	KEN SCHECHTER	BECHTEL	ENGR.
3	MIKE WOLFF	BECHTEL	GEOTECH.
4	Dennis Keith	Bechtel	Engr.
5	Art Gentr	APS	LAWYER
6	JOE TRULLIO	APS	ENGR.
7	Bill Hurst	APS	Nuclear Engineer.
8	R.J. KIMMEL	APS	TRANSITION GROUP. C.F.O
9	STEVE SHEPHERD	BECHTEL	
10	Ken Euge	EARTH TECHNOLOGY	S. Eng. Grad.
11	STEVE HAIRE	"	Proj Engineer
12	John Wagner	Corps of Engineers	
13	Robert Ramsey		
14	Joseph Kane	NRC	Geotech. Engr.
15	MANNY LICITRA	NRC - DL - LBB	
16	BILL QUINN	APS	LICENSING
17			
18			

Enclosure 2

Meeting Attendees
Geotechnical Meeting
August 22, 1984

APS

Kent Jones
Art Gehr
Joe Truillo
Bill Hurst
R. J. Kimmel
Bill Quinn

Bechtel

Ken Schechter
Mike Wolff
Dennis Keith
Steve Shepherd

Earth technology

Ken Euge
Steve Haire

Corps of Engineers

John Wagner
Robert Ramsey

NRC

Joseph Kane
Manny Licitra