

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8302230326 DOC. DATE: 83/02/15 NOTARIZED: YES DOCKET #  
 FACIL: STN-50-528 Palo Verde Nuclear Station, Unit 1, Arizona Public 05000528  
 STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Public 05000529  
 STN-50-530 Palo Verde Nuclear Station, Unit 3, Arizona Public 05000530

AUTH. NAME AUTHUR AFFILIATION  
 VAN BRUNT, E. E. Arizona Public Service Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 KNIGHTON, G. Licensing Branch 3

SUBJECT: Forwards "ESF Load Sequencer Software Verification & Validation Rept," as required by SER Section 8.4.6 (NUREG-0857).

DISTRIBUTION CODE: 8001S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3+103  
 TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

NOTES: Standardized plant. 05000528  
 Standardized plant. 05000529  
 Standardized plant. 05000530

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INTERNAL:	ELD/HDS3	1 0	IE FILE	1 1
	IE/DEP EPDS 35	1 1	IE/DEP/EPLB 36	3 3
	NRR/DE/AEAB	1 0	NRR/DE/CEB 11	1 1
	NRR/DE/EQB 13	2 2	NRR/DE/GB 28	2 2
	NRR/DE/HGEB 30	1 1	NRR/DE/MEB 18	1 1
	NRR/DE/MTEB 17	1 1	NRR/DE/QAB 21	1 1
	NRR/DE/SAB 24	1 1	NRR/DE/SEB 25	1 1
	NRR/DHFS/HFEB40	1 1	NRR/DHFS/LQB 32	1 1
	NRR/DL/SSPB	1 0	NRR/DSI/AEB 26	1 1
	NRR/DSI/ASB	1 1	NRR/DSI/CPB 10	1 1
	NRR/DSI/CSB 09	1 1	NRR/DSI/ICSB 16	1 1
	NRR/DSI/METB 12	1 1	NRR/DSI/PSB 19	1 1
	NRR/DSI/RAB 22	1 1	NRR/DSI/RSB 23	1 1
	REG FILE 04	1 1	RGN5	3 3
	RM/DDAMI/MIB	1 0		
EXTERNAL:	ACRS 41	6 6	BNL (AMDTs ONLY)	1 1
	DMB/DSS (AMDTs)	1 1	FEMA-REP DIV 39	1 1
	LPDR 03	1 1	NRC PDR 02	1 1
	NSIC 05	1 1	NTIS	1 1

TOTAL NUMBER OF COPIES REQUIRED: LTTR 52 ENCL 45

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice.

2. The second part details the process of reconciling bank statements with the company's internal records. This involves comparing the opening and closing balances and ensuring that all deposits and withdrawals are accounted for.

3. The third part covers the preparation of financial statements, including the Income Statement, Balance Sheet, and Cash Flow Statement. It provides a step-by-step guide on how to calculate each component.

It is crucial to review these statements carefully to identify any discrepancies or errors. Regular reconciliation helps in detecting fraud and ensuring the integrity of the financial data.

The following table summarizes the key findings from the audit. It shows the total assets, liabilities, and equity as of the reporting date.

Date: 12/31/2023  
 Prepared by: [Name]  
 Reviewed by: [Name]

Total Assets: \$1,200,000  
 Total Liabilities: \$450,000  
 Total Equity: \$750,000

Account Name	Balance	Category	Account Name	Balance	Category
Cash	150,000	Asset	Accounts Payable	120,000	Liability
Accounts Receivable	300,000	Asset	Notes Payable	80,000	Liability
Inventory	200,000	Asset	Long-Term Debt	290,000	Liability
Prepaid Expenses	50,000	Asset	Common Stock	500,000	Equity
Property, Plant, & Equipment	400,000	Asset	Retained Earnings	250,000	Equity
Accumulated Depreciation	(100,000)	Contra-Asset			
Accounts Payable	120,000	Liability			
Notes Payable	80,000	Liability			
Long-Term Debt	290,000	Liability			
Common Stock	500,000	Equity			
Retained Earnings	250,000	Equity			
<b>Total</b>	<b>1,200,000</b>		<b>Total</b>	<b>1,200,000</b>	

# Arizona Public Service Company

P.O. BOX 21666 • PHOENIX, ARIZONA 85036

February 15, 1983  
ANPP-22998 - WFQ/MAJ

Director of Nuclear Reactor Regulation  
Attention: Mr. George Knighton, Chief  
Licensing Branch No. 3  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Subject: Palo Verde Nuclear Generating Station  
(PVNGS) Units 1, 2 and 3  
Docket Nos. STN-50-528/529/530  
File: 83-056-026; G.1.01.10

- References:
1. NUREG-0857, "Safety Evaluation Report related to the operation" of Palo Verde Nuclear Generating Station Units 1, 2 and 3, dated November, 1981.
  2. Letter to R. L. Tedesco, NRC, from E. E. Van Brunt, Jr., APS, dated December 31, 1981.

Dear Mr. Knighton:

Attached is an independent design verification and validation report of the ESF Load Sequencer and Software as required by the Safety Evaluation Report, Reference (1), Section 8.4.6.

Per Reference (2), action item C, APS committed to transmit any change made to the BOP ESFAS sequencer software. Attached is the documentation describing the design change to annunciate a microprocessor stall alarm on the plant annunciator when the BOP ESFAS is in the Auto-Test Mode.

Reference (2), action item E, requires a review of the detectability of the optical isolator failure to isolate and commit to testing of the isolation capability with a method and frequency based on hardware failure modes. Attached is the Optical Isolator Voltage Standoff Test Justification and Procedure Outline which APS committed to in response to action item E.

Based on the information submitted concerning the verification and validation report of the ESF Load Sequencer and Software, we feel that this sufficiently resolves the confirmatory issue discussed in section 8.4.6 of the referenced Safety Evaluation Report.

If you have any further questions concerning this matter, please contact me.

*Boo!*

Very truly yours,

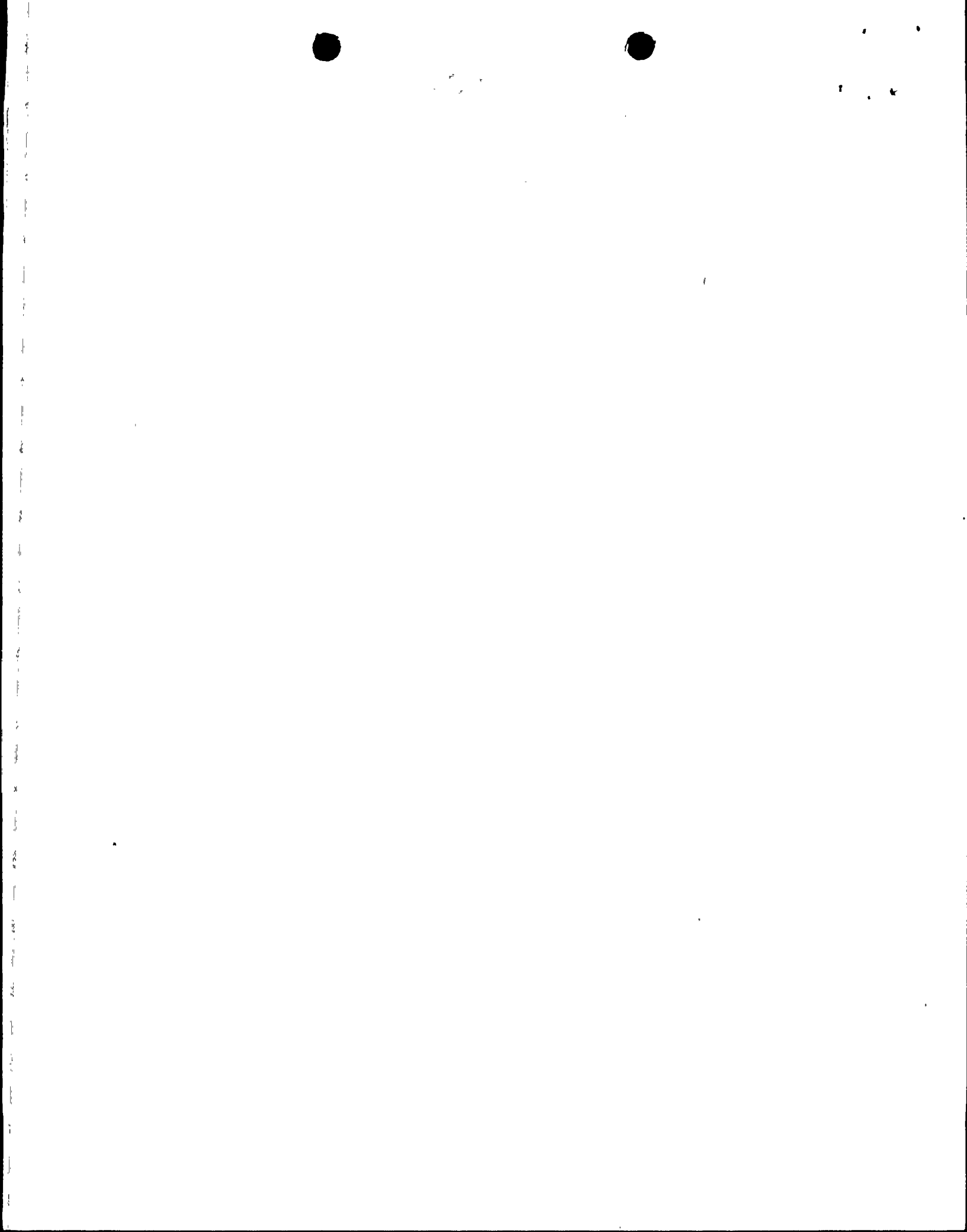
*E. E. Van Brunt, Jr.*

E. E. Van Brunt, Jr.  
APS Vice President,  
Nuclear Projects

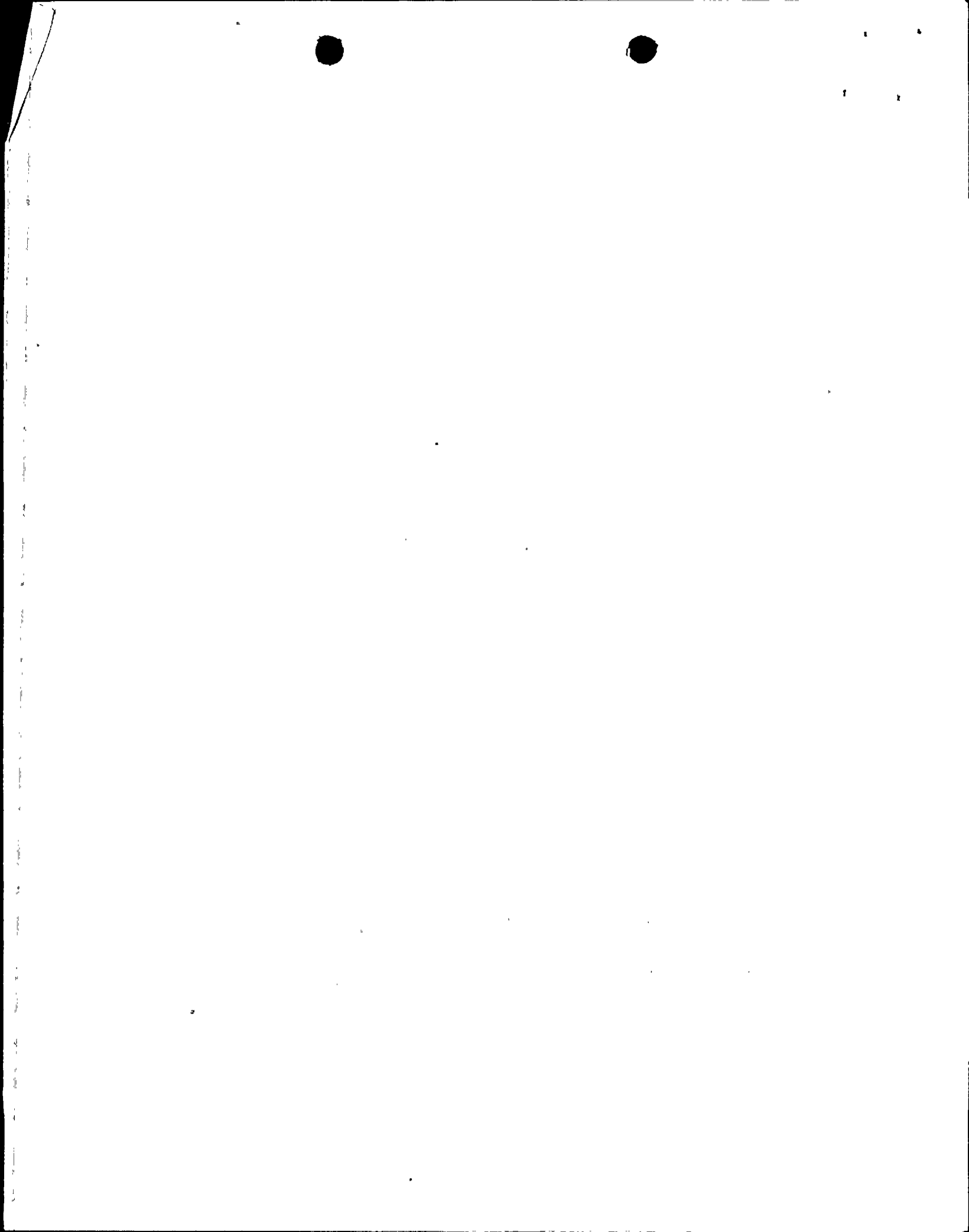
ANPP Project Director

8302230326 830215  
PDR ADOCK 05000528  
E PDR

EEVBJr/MAJ/sp  
Attachment

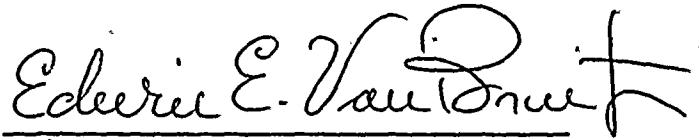


cc: E. Licitra (w/a)  
L. Bernabei "  
K. Berlin "  
P. Hourihan "  
A. Gehr "



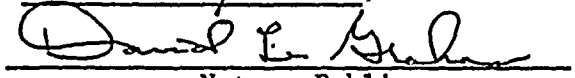
STATE OF ARIZONA )  
 ) ss.  
COUNTY OF MARICOPA)

I, Edwin E. Van Brunt, Jr., represent that I am Vice President Nuclear Projects of Arizona Public Service Company, that the foregoing document has been signed by me on behalf of Arizona Public Service Company with full authority so to do, that I have read such document and know its contents, and that to the best of my knowledge and belief, the statements made therein are true.



Edwin E. Van Brunt, Jr.

Sworn to before me this 16<sup>th</sup> day of February, 1983.

  
David L. Gulha  
Notary Public

My Commission expires:

My Commission Expires May 19, 1986

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED