

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8505310057 DOC. DATE: 85/05/29 NOTARIZED: YES DOCKET #  
 FACIL: STN-50-528 Palo Verde Nuclear Station, Unit 1, Arizona Public 05000528  
 AUTH. NAME AUTHOR AFFILIATION  
 VAN BRUNT, E.E. Arizona Public Service Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 KNIGHTON, G.W. Licensing Branch 3

SUBJECT: Forwards inadequate core cooling instrumentation sys  
 implementation rpt for review, per License Condition 2.C(8)  
 & App D to SSER 6. All requirements met to close out license  
 condition & 850522 commitment re Reg Guide 1.97.

DISTRIBUTION CODE: A002D COPIES RECEIVED: LTR 1 ENCL 5 ON SHIP 4  
 TITLE: OR Submittal: Inadequate Core Cooling (Item II.F.2) GL 82-28

NOTES: Standardized plant.  
 OL: 12/31/84

05000528

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|           |                           |    | LTTR   | ENCL |  |                           |    | LTTR   | ENCL |
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|           | LICITRA, E                |    | 1      | 1    |  |                           |    |        |      |
| INTERNAL: | ACRS                      | 17 | 10     | 10   |  | ADM/LFMB                  |    | 1      | 0    |
|           | NRR SHEA, J               | 01 | 1      | 1    |  | NRR/DHFS/HFEB15           |    | 1      | 1    |
|           | NRR/DL/ORAB               | 08 | 1      | 1    |  | NRR/DL/ORB5               |    | 1      | 1    |
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| EXTERNAL: | LPDR                      | 03 | 1      | 1    |  | NRC PDR                   | 02 | 1      | 1    |
|           | NSIC                      | 06 | 1      | 1    |  |                           |    |        |      |

TOTAL NUMBER OF COPIES REQUIRED: LTTR 29 ENCL 28

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1. The Commission has received a request from the American Medical Association (AMA) for a review of the proposed rule. The AMA is a national organization of medical professionals and is concerned about the potential impact of the proposed rule on the medical profession. The AMA has requested that the Commission conduct a thorough review of the proposed rule and provide a written report on its findings. The Commission has agreed to conduct this review and will provide a written report to the AMA by the end of the year.

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S = A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

• info@psb76.com •  
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| Category   | Item     | Quantity | Unit | Value |
|------------|----------|----------|------|-------|
| Fertilizer | 10-20-10 | 100      | lb   | 10.00 |
|            | 15-15-15 | 50       | lb   | 7.50  |
|            | 20-20-20 | 25       | lb   | 5.00  |
|            | 30-30-30 | 10       | lb   | 3.00  |
| Seed       | Wheat    | 100      | bu   | 10.00 |
|            | Barley   | 50       | bu   | 5.00  |
|            | Oats     | 25       | bu   | 2.50  |
|            | Rye      | 10       | bu   | 1.00  |
| Feed       | Alfalfa  | 100      | ton  | 10.00 |
|            | Timothy  | 50       | ton  | 5.00  |
|            | Hay      | 25       | ton  | 2.50  |
|            | Straw    | 10       | ton  | 1.00  |
| Fuel       | Diesel   | 100      | gal  | 10.00 |
|            | Gasoline | 50       | gal  | 5.00  |
|            | Oil      | 25       | gal  | 2.50  |
|            | Propane  | 10       | gal  | 1.00  |
| Tools      | Shovel   | 10       | ea   | 1.00  |
|            | Pickaxe  | 5        | ea   | 0.50  |
|            | Spade    | 2        | ea   | 0.20  |
|            | Mattock  | 1        | ea   | 0.10  |



## Arizona Nuclear Power Project

P.O. BOX 52034 • PHOENIX, ARIZONA 85072-2034

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

ANPP-32746-EEVB/MAJ  
May 29, 1985

Subject: Palo Verde Nuclear Generating Station (PVNGS)  
Unit 1  
Condition 2.C(8) Inadequate Core Cooling Instrumentation (ICCI)  
Docket No. STN 50-528 (License No. NPF-34)  
File: 85-056-026; G.1.01.10

- References: (1) Letter to G. W. Knighton, NRC, from E. E. Van Brunt, Jr.,  
A.P.S., dated April 15, 1985. Confirmation of Emergency  
Operating Procedure Revision Incorporating ICCI, (ANPP-32400).  
(2) Letter to G. W. Knighton, NRC, from E. E. Van Brunt, Jr.,  
A.P.S., dated May 22, 1985. Response to Regulatory  
Guide 1.97 License Condition 2.C(19)(f), (ANPP-32695).

Dear Mr. Knighton:

In accordance with PVNGS Unit 1 License Condition 2.C(8) and Appendix D to PVNGS Safety Evaluation Report, Supplement 6, we are submitting the ICCI system implementation report for the staff's review. By the submittal of this letter and the submittal of Reference (1), we have met all the requirements to close out License Condition 2.C(8).

Additionally, Reference (2) identified the ICCI system as one of the Regulatory Guide 1.97 variables that may not be complete by May 31, 1985 but would be completed prior to Unit 1 exceeding 5% power. Also, by submittal of this letter and completion of the ICCI system we have met the commitment made in the Reference (2) letter and therefore consider this issue closed.

If you have any questions concerning this subject, please contact William F. Quinn of my staff.

Very truly yours,

*E. E. Van Brunt* / *ESK*

E. E. Van Brunt, Jr.  
Executive Vice President  
Project Director

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PDR ADDCK 05000528  
F PDR

EEVB/MAJ/mkm  
Attachment

A002  
1/5



STATE OF ARIZONA    )  
                          ) ss.  
COUNTY OF MARICOPA)

I, Donald B. Karner, represent that I am Assistant Vice President, Nuclear Production of Arizona Nuclear Power Project, that the foregoing document has been signed by me on behalf of Arizona Public Service Company with full authority to do so, 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.

Donald B. Karner  
Donald B. Karner

Sworn to before me this 29 day of May, 1985.

Nora E. Meador  
Notary Public

My Commission Expires:

My Commission Expires April 6, 1987

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G. W. Knighton  
Condition 2.C(8) Inadequate Core  
Cooling Instrumentation (ICCI)  
ANPP-32746  
Page 2

cc: A. C. Gehr  
E. A. Licitra  
R. Zimmerman





Palo Verde Nuclear Generating Station Unit 1  
Milestone for Implementation of  
Inadequate Core Cooling Instrumentation

NRC Item No. 1: Notification that the system installation, functional testing and calibration is complete and test results are available for inspection.

APS Response: Installation, functional testing and calibration of the ICCI systems for Palo Verde Unit 1 have been completed and the test results are available for inspection.

NRC Item No. 2: Summary of licensee conclusions based on test results.

APS Response: Based on test results, the system performs in accordance with design expectation and within design error tolerances. There were no deviations from design performance specifications.

NRC Item No. 3: Description of any deviations of the as-built system from previous design descriptions with any appropriate explanation.

APS Response: There are no deviations of the as-built system from the previous design descriptions.

NRC Item No. 4: Request for modification of technical specifications to include all ICC instrumentation for accident monitoring.

APS Response: The ICC instrumentation is included in the PVNGS Unit 1 Technical Specifications Section 3.3.3.6 and Table 3.3-10. Items 10, 14, and 15.

NRC Item No. 5: Request for NRC approval of the plant-specific installation.

APS Response: APS hereby requests NRC approval of the Palo Verde Unit 1 plant specific installation of the ICC instrumentation.

NRC Item No. 6: Confirm that the EOP's used for operator training will conform to the technical content of NRC approved EOP guidelines.

APS Response: The staff was notified by a letter submitted on April 15, 1985 (ANPP-32400) that the PVNGS EOP's were revised to incorporate ICCI in accordance with the staff approved CEN-152, Revision 02, "Emergency Procedure Guidelines." These revised EOP's are used for PVNGS operator training.

