

April 7, 1987

Docket Nos.: 50-528/529

Mr. E. E. Van Brunt, Jr.  
Executive Vice President  
Arizona Nuclear Power Project  
Post Office Box 52034  
Phoenix, Arizona 85072-2034

DISTRIBUTION

☐ Docket File/NRC PDR/LPDR  
PD#7 Reading/N. Thompson  
F. Miraglia/E. Licitra  
OCG-Bethesda/J. Lee  
E. Jordan/G. Knighton  
B. Grimes/ACRS (10)  
J. Partlow

SUBJECT: RCP COASTDOWN SAFETY ANALYSIS

References: 1. ANPP Letter 39506, dated December 26, 1986.  
2. ANPP Letter 37623, dated July 29, 1986.

Reference (1) provides ANPP response to operational concerns raised during a meeting between ANPP and NRC personnel on October 28, 1986. Item 3 of Reference (1) and Reference (2) concerned the following:

During the unexpected turbine trip at PVNGS Unit 1 on January 9, 1986, an unsuccessful fast bus transfer resulted in a loss of power to the RCP's and the reactor tripped on flow projected low DNBR. It was noted that the RCPs coasted down at a rate that was faster than the rate assumed in the FSAR. Following this discovery, penalty factors were applied to the CPCs and the Core Operating Limit Supervisory System (COLSS) in PVNGS Units 1 and 2 to account for this non-conservatism. Reference (1) states that a subsequent analysis by the NSSS vendor justified the removal of these penalty factors. This is because the earlier reactor trip compensates for the faster coastdown rate.

We ask that you provide the results of the updated safety analysis using the actual RCP coastdown rate for staff review. Also Section 15 of PVNGS FSAR should be updated with the updated analysis. Please provide the requested information as early as possible, but not later than April 30, 1987.

If you have any questions regarding this request, please contact me on (301) 492-8599.

Sincerely,

Original signed by  
Michael Davis for

E. A. Licitra, Project Manager  
PWR Project Directorate No. 7  
Division of PWR Licensing-B

cc: See next page

\*See previous concurrence

PD#7 PD#7  
ELicitra:cd GKnighton  
4/7/87 4/7/87

OFFICIAL RECORD COPY

8704090103 870407  
PDR ADDCK 0500052B  
P PDR

1. The first part of the report is a general introduction to the subject of the study. It discusses the importance of the study and the objectives of the research. It also provides a brief overview of the methodology used in the study.

2. The second part of the report is a detailed description of the methodology used in the study. It discusses the data sources, the data collection methods, and the data analysis methods. It also provides a brief overview of the results of the study.

3. The third part of the report is a detailed description of the results of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

4. The fourth part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

5. The fifth part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

6. The sixth part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

7. The seventh part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

8. The eighth part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

9. The ninth part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

10. The tenth part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

11. The eleventh part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

12. The twelfth part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

13. The thirteenth part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

14. The fourteenth part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

15. The fifteenth part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

Mr. E. E. Van Brunt, Jr.  
Arizona Nuclear Power Project

Palo Verde

cc:

Arthur C. Gehr, Esq.  
Snell & Wilmer  
3100 Valley Center  
Phoenix, Arizona 85073

Mr. James M. Flenner, Chief Counsel  
Arizona Corporation Commission  
1200 West Washington  
Phoenix, Arizona 85007

Charles R. Kocher, Esq. Assistant  
Council  
James A. Boeletto, Esq.  
Southern California Edison Company  
P. O. Box 800  
Rosemead, California 91770

Mr. Mark Ginsberg  
Energy Director  
Office of Economic Planning  
and Development  
1700 West Washington - 5th Floor  
Phoenix, Arizona 85007

Mr. Wayne Shirley  
Assistant Attorney General  
Bataan Memorial Building  
Santa Fe, New Mexico 87503

Mr. Roy Zimmerman  
U.S. Nuclear Regulatory Commission  
P. O. Box 239  
Arlington, Arizona 85322

Ms. Patricia Lee Hourihan  
6413 S. 26th Street  
Phoenix, Arizona 85040

Regional Administrator, Region V  
U. S. Nuclear Regulatory Commission  
1450 Maria Lane  
Suite 210  
Walnut Creek, California 94596

Kenneth Berlin, Esq.  
Winston & Strawn  
Suite 500  
2550 M Street, NW  
Washington, DC 20037

Ms. Lynne Bernabei  
Government Accountability Project  
of the Institute for Policy Studies  
1901 Que Street, NW  
Washington, DC 20009

Mr. Ron Rayner  
P. O. Box 1509  
Goodyear, AZ 85338

Mr. Charles B. Brinkman, Manager  
Washington Nuclear Operations  
Combustion Engineering, Inc.  
7910 Woodmont Avenue Suite 1310  
Bethesda, Maryland 20814

