

ACCELERATED DOCUMENT DISTRIBUTION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9306280323 DOC. DATE: 93/06/17 NOTARIZED: YES DOCKET #
 FACIL: STN-50-528 Palo Verde Nuclear Station, Unit 1, Arizona Publi 05000528
 STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Publi 05000529
 STN-50-530 Palo Verde Nuclear Station, Unit 3, Arizona Publi 05000530

AUTH. NAME AUTHOR AFFILIATION
 LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power
 RECIP. NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: Responds to NRC Bulletin 93-002, "Debris Plugging of ECC
 Suction Strainers. No fibrous air filters or other temporary
 sources of fibrous matl installed or stored in containment
 identified.

DISTRIBUTION CODE: IE11D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3
 TITLE: Bulletin Response (50 DKT)

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

	RECIPIENT		COPIES			RECIPIENT		COPIES	
	ID CODE/NAME		LTTR	ENCL		ID CODE/NAME		LTTR	ENCL
	PDV PD		1	1		TRAMMELL, C		1	1
	TRAN, L		1	1					
INTERNAL:	AEOD/DOA		1	1		NRR/DE/EMEB		1	1
	NRR/DRPW/OGCB		1	1		NRR/DRSS/PEPB		1	1
	NRR/DSSA		1	1		NRR/PDIII-2		1	1
	NRR/SCSB		1	1		REG. FILE 02		1	1
	RES/DSIR/EIB		1	1		RGN5 FILE 01		1	1
EXTERNAL:	NRC PDR		1	1		NSIC		1	1

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,
 ROOM P1-37 (EXT. 504-2065) TO ELIMINATE YOUR NAME FROM DISTRIBUTION
 LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 15 ENCL 15

Arizona Public Service Company

P.O. BOX 53999 • PHOENIX, ARIZONA 85072-3999

102-02542-WFC/RAB/SAB

June 17, 1993

WILLIAM F. CONWAY
EXECUTIVE VICE PRESIDENT
NUCLEAR

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Station P1-37
Washington, DC 20555

Dear Sirs:

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Units 1, 2, and 3
Docket Nos. STN 50-528/529/530
Response to NRC Bulletin 93-02, Debris Plugging
of Emergency Core Cooling Suction Strainers
File: 93-055-026

On May 11, 1993, the Nuclear Regulatory Commission (NRC) issued NRC Bulletin 93-02, Debris Plugging of Emergency Core Cooling Suction Strainers. This bulletin notified licensees of a potential for the loss of net positive suction head for the Emergency Core Cooling Systems (ECCS) during the recirculation phase of a loss of coolant accident (LOCA) due to the presence in containment of fibrous material that was not designed to withstand a LOCA.

The bulletin requested licensees to identify fibrous air filters or other temporary sources of fibrous material; not designed to withstand a LOCA, installed or stored in containment. If such material is identified, licensees are requested to implement compensatory measures, as necessary, to assure the functional capability of the ECCS and to promptly remove such material.

Arizona Public Service Company (APS) has completed an evaluation of fibrous materials inside containment. The evaluation did not identify any fibrous air filters or other temporary sources of fibrous material installed or stored in containment. Temporary air filter materials are, however, used in containment during outages. Although this air filter material is not considered fibrous, the accumulation of this material could cause sump screen blockage. Transient material in containment, such as these filters, is procedurally controlled. From a review of the results of the containment inspection following the most recent outage for each unit, it was determined that no transient material remained in containment following the outages.

9306280323 930617
PDR ADDCK 05000528
G PDR

250072

JEL 11

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Response to NRC Bulletin 93-02
Page 2

In addition to identifying fibrous air filters and other temporary sources of fibrous material as required by the bulletin, APS also reviewed sources of fibrous material permanently installed in containment. The largest source is installed as sealing material in piping penetrations through the secondary and pressurizer shield walls to enable ventilation air balancing. In addition, relatively small quantities of thermal insulation, which could be reduced to fibrous material during a LOCA, are permanently installed in containment. These sources of fibrous material are included in the sump screen blockage engineering calculation (Calculation 13MC-SI-309). This calculation concludes the ECCS pumps will have adequate net positive suction head to perform their required safety function despite the blockage caused by the fibrous material.

Based upon the above information, APS considers the actions on this bulletin to be completed. APS is, however, evaluating the concerns identified in NRC Information Notice 93-34, Potential for Loss of Emergency Cooling Function Due to a Combination of Operational and Post-LOCA Debris in Containment, and Supplement 1 to NRC Information Notice 93-34. This evaluation will determine if any action is required for sources of fibrous material permanently installed in containment.

Should you have any questions, please contact Thomas R. Bradish at (602) 393-5421.

Sincerely,

A handwritten signature in black ink that reads "James M. Lewis for WFC". The signature is written in a cursive style with a large, stylized initial "J".

WFC/RAB/SAB/rv

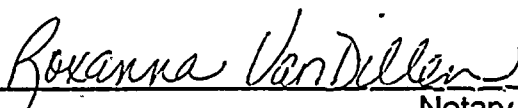
cc: B. H. Faulkenberry
J. A. Sloan
C. M. Trammell

STATE OF ARIZONA)
) ss.
COUNTY OF MARICOPA)

I, J. M. Levine, represent that I am Vice President Nuclear Production, 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 and correct.


J. M. Levine

Sworn To Before Me This 17 Day Of June, 1993.


Notary Public

My Commission Expires

June 12, 1997

