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 AUTH. NAME: AUTHOR AFFILIATION  
 VAN BRUNT, E. E. Arizona Public Service Co.  
 RECIP. NAME: RECIPIENT AFFILIATION  
 TEDESCO, R. L. Assistant Director for Licensing

SUBJECT: Forwards responses to request for clarification re. Effluent treatment Sys Branch. Question 460.1 for design of radwaste sys.

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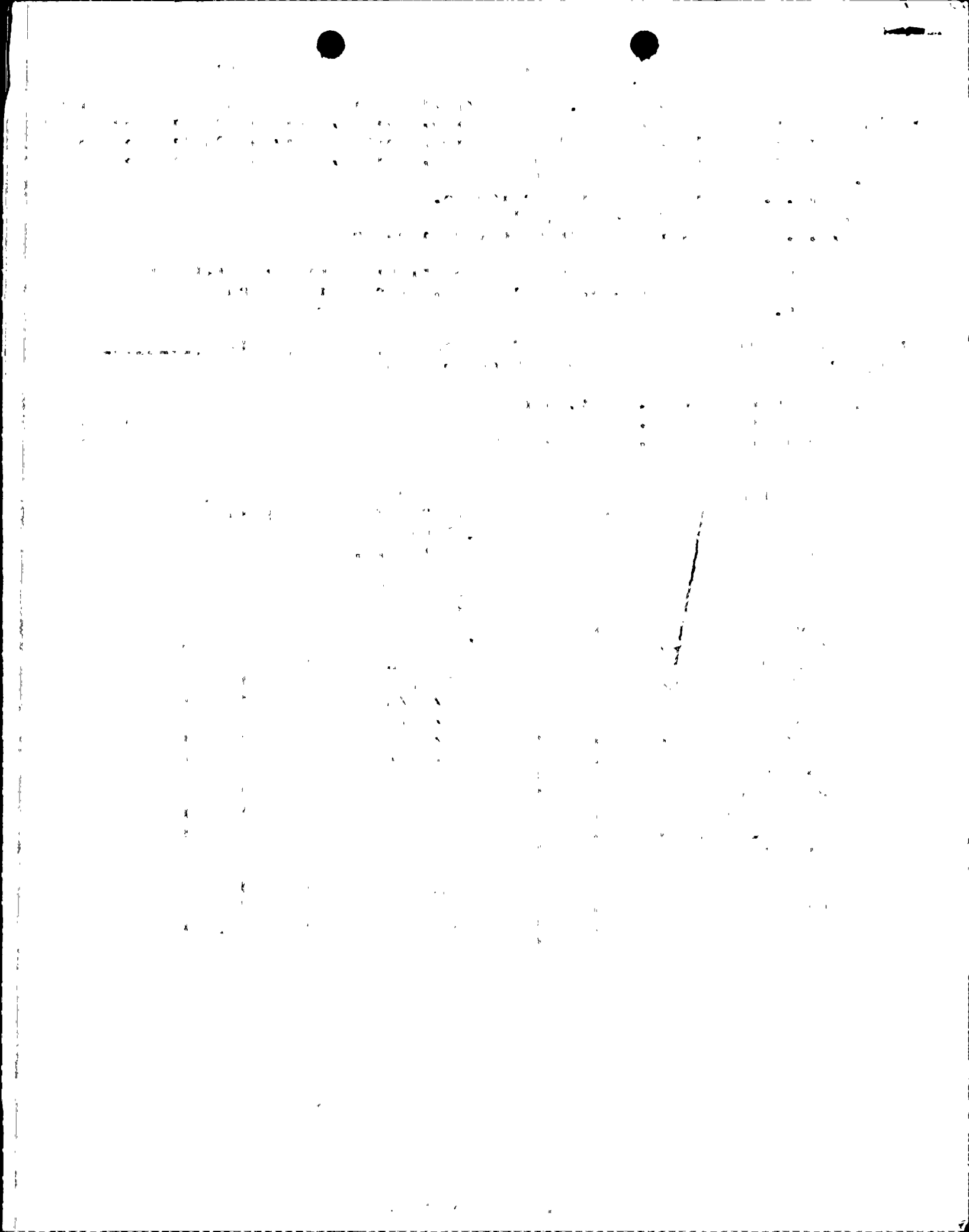
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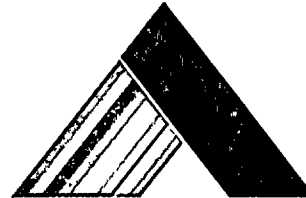
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**ARIZONA NUCLEAR POWER PROJECT**  
Post Office Box 21660 Phoenix, Arizona 85036



October 15, 1981  
ANPP-19163 - JMA/WFQ

Mr. R. L. Tedesco  
Assistant Director for Licensing  
Division of Licensing  
Office of Nuclear Reactor Regulation  
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: 81-056-026; G.1.10

Dear Mr. Tedesco:

Attached please find our response to NRC's informal request for clarification regarding ETSB question 460.1, for design of PVNGS radwaste management systems.

Please contact me if you have any further questions.

Very truly yours,

E. E. Van Brunt, Jr.  
APS Vice President,  
Nuclear Projects  
ANPP Project Director

EEVBJr/WFQ/sam  
Attachment

cc: J. Kerrigan  
P. Hourihan  
A. Gehr



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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.  
Edwin E. Van Brunt, Jr.

Sworn to before me this 16<sup>th</sup> day of October, 1981.

Connie Lou Armstrong  
Notary Public

My Commission expires:

June 24, 1983

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ATTACHMENT

ANPP-19163 - JMA/WFQ  
October 15, 1981

NRC Question

Applicants FSAR does not demonstrate compliance with the seismic requirements criteria (R.G.1.143) for radwaste management systems (for example the gaseous radwaste system storage tanks, compressors and surge tank, etc.) and the structures that have these systems.

RESPONSE

The PVNGS' FSAR does demonstrate such compliance. As stated in our original FSAR Amendment 4 response to Question 11A.1, (NRC question 460.1) the PVNGS design complies with the position of Regulatory Guide 1.143. Such compliance includes quality assurance etc. and structural aspects as well, since no exception to the guide was taken in our response.

As further clarification in this regard, both the gaseous radwaste system components (including decay tanks, compressors, surge tank, etc.) and the radwaste building (including walls around the liquid radwaste system recycle monitor and waste holdup tanks) are designed to function during the plant OBE.

