

July 11, 2000

MEMORANDUM TO: File Center

FROM: Jack N. Donohew, Senior Project Manager, Section 2
Project Directorate IV & Decommissioning */RA/*
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2, AND 3
LICENSEE'S RESPONSE TO QUESTION CONCERNING DIESEL
GENERATOR LIMIT ANALYZED VALUES (TAC NOS. MA9214,
MA9215, AND MA9216)

Attached is an email dated June 29, 2000, from Arizona Public Service Company, providing the licensee's answer to a question concerning its June 6, 2000, application for reduced diesel generator performance requirements for steady-state voltage and frequency limits in the Technical Specifications.

Docket Nos. 50-528, 50-529, and 50-530

Attachment: E-mail dated June 29, 2000

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DATE	07/10/00	07/10/00	07/10/00

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EMAIL DATED JUNE 29, 2000

From: "Michael, Glenn A(Z01119)" <GMICHAEL@apsc.com>
To: "jnd@nrc.gov" <jnd@nrc.gov>
Date: Thu, Jun 29, 2000 10:23 AM
Subject: FW: NRC QUESTION ON PVNGS DG VOLTAGE/FREQUENCY AMENDMENT REQUEST

> -----Original Message-----

> From: Michael, Glenn A(Z01119)
> Sent: Tuesday, June 27, 2000 3:06 PM
> To: 'Jack Donohew'
> Cc: Leake, Harvey C(Z60326); Kesler, Steven L(Z55768); Bauer, Scott
> A(Z98866); Roehler, Robert K(Z02043)
> Subject: NRC QUESTION ON PVNGS DG VOLTAGE/FREQUENCY AMENDMENT
> REQUEST

>

> Jack,
> Below is our response to your question regarding our June 6, 2000,
> Emergency Diesel Generator voltage and frequency amendment request.
> Responses to your questions on our RWT volume amendment request will be
> forthcoming.

>

> Please let me know if you have any questions.

>

> Glenn

>

>

> NRC QUESTION ON PVNGS DG VOLTAGE/FREQUENCY AMENDMENT REQUEST

>

> In the proposed note for each SR, why state the "limits are analyzed
> values" when it appears that they are DG panel-mounted instrument
> readings?

>

>

> APS Response

>

> In the June 6, 2000 amendment request submittal, APS letter number
> 102-04451, the enclosed TS Bases changes contain an INSERT 1 to Bases B
> 3.8.1, Surveillance Requirements. INSERT 1 contains a paragraph that
> states:

>

> "Steady state voltage and frequency limits have not been adjusted
> for instrument error. Error values for specific instruments are
> established by plant staff to derive the indicated values for steady state
> voltage and frequency limits."

>

- > Specifying the Tech Spec SR steady state voltage and frequency limits as
- > analyzed values, instead of instrument values, allows the plant staff to
- > specify and account for the specific instrument error based upon the
- > measuring instrument utilized to meet the SR. As more accurate measuring
- > instruments are developed by the industry and utilized by APS, the smaller
- > instrument uncertainty can be specified in plant documents to meet the
- > design basis requirements without the need for another TS change.
- >
- >