

## NRR-PMDAPEm Resource

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**From:** Wideman Steve G [stwidem@WCNOC.com]  
**Sent:** Tuesday, February 10, 2015 1:36 PM  
**To:** Lyon, Fred  
**Cc:** Muilenburg William T; Suter Jeffrey F; Fox Brian R  
**Subject:** RE: Clarification Questions on ET 13-0035, dated 11/21/13 (FPP - Alt SD Capability; TAC No. MF3112)

Fred - See below responses provided in "red."

### Steve Wideman

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**From:** Lyon, Fred [<mailto:Fred.Lyon@nrc.gov>]  
**Sent:** Friday, February 06, 2015 10:25 AM  
**To:** Wideman Steve G  
**Cc:** Muilenburg William T; Vettori, Robert  
**Subject:** Clarification Questions on ET 13-0035, dated 11/21/13 (FPP - Alt SD Capability; TAC No. MF3112)

Steve, the AFPB staff reviewing the submittal need some minor clarifications on the submittal (ADAMS Accession No. ML13331A728). They look simple, but we don't want to assume.

- The bottom paragraph on Att. I, page 14/64, refers to *one* cable carrying the temperature signal for all 4 transmitters per loop *to* the protection cabinet, but the top paragraph of page 15/64 refers to *two* cables (one per train) carrying the result *from* each protection cabinet to each SSPS cabinet.

Both paragraphs have the following sentence, **The average temperature of each loop is calculated within the protection cabinet and the output is sent to both trains of SSPS input cabinets.**

Although worded slightly different they both refer to **SSPS input cabinets (SB029A - Train A and SB032A - Train B).**

It's not clear what loop goes to what train.

Signals for Train A **(Loops 2 and 3)** enter protection cabinets SB037 (Loop 3) and SB038 (Loop 1) through the lower cable spreading room. There are no exposed cables in the equipment cabinet area associated with the Train A input signals except those within the cabinets. Signals for Train B (Loops 2 and 4) enter protection cabinets **SB041 (Loop 4) and SB042 (Loop 2)** from the upper cable spreading room via raceway that is installed within the equipment cabinet area of the control room.

What happened to Loop 1?

**RCS temperature Loop 1 and Loop 3 signals are Train A signals that are processed to SSPS input cabinet SB029A (Train A). The green highlighted text above "(Loops 2 and 3)" should be "(Loops 1 and 3)."**

- In Att. I, page 62/64, the licensee references OFN RP-017, Revision 41, but in document E-F9915, page 4/102, the licensee references OFN RP-017, Revision 42. Please confirm the revision numbers.

**The correct revision for the submitted license amendment request is Revision 42. Revision 42 was issued on 10/29/13 and Reference 4 in Attachment I to ET 13-0035 (pg 62 of 64) was not updated.**

Thanks, Fred

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**From:** Wideman Steve G

**Created By:** stwidem@WCNOC.com

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