

From: Justin Poole
Sent: Thursday, January 08, 2009 1:30 PM
To: 'james.costedio@fpl.com'
Subject: AST additional questions on acceptance review

Jim,

Here are the items that Accident Dose branch wishes to discuss. I figure that we can have the call sometime next week. Take a look at them and let me know when would be a good time for you. Thanks.

Justin C. Poole
Project Manager
NRR/DORL/LPL3-1
U.S. Nuclear Regulatory Commission
(301)415-2048
email: Justin.Poole@nrc.gov

~~~~~  
Per guidance under LIC-109, the Accident Dose Branch (AADB) staff has determined that the Point Beach alternative source term (AST) submittal, dated December 8, 2008, is unacceptable with opportunity to supplement.

Below is a list of the deficiencies as they pertain to AADB.

1.) Control Room Radiation Shielding

The licensee states, "FPL Energy Point Beach will modify the PBNP control room radiation shielding to ensure control room habitability requirements are maintained. This modification is scheduled to be completed following NRC approval of this LAR 241 'Alternative Source Term' at the Unit 1 (2010) refueling outage."

AADB concludes that basing dose consequence analyses on future plant modifications is unacceptable. The licensee did make a commitment to have the shielding modifications completed prior to the implementation of an approved AST. However, AADB had determined that the commitment is not a strong enough regulatory basis for approval.

2.) Inadequate Justification for DBA Dose Assumptions

AADB finds that there is insufficient information in the licensee's submittal for the dose assumptions that deviate from RG 1.183. The dose for the control room (CR) during a LOCA is very close to the regulatory limit. More information needs to be provided by the licensee in order for AADB to have a complete picture of the licensee's assumptions to ensure that the CR dose does not rise above 5 rem TEDE, in accordance with 10CFR50.67.

---

**E-mail Properties**

Mail Envelope Properties ()

Subject: AST additional questions on acceptance review  
Sent Date: 1/8/2009 11:21:47 AM  
Received Date: 1/8/2009 1:30:00 PM  
From: Justin Poole

Created By: Justin.Poole@nrc.gov

Recipients:  
james.costedio@fpl.com ('james.costedio@fpl.com')  
Tracking Status: None

Post Office:

| Files   | Size  | Date & Time |
|---------|-------|-------------|
| MESSAGE | 10560 | 1/8/2009    |

Options

Expiration Date:  
Priority: o!ImportanceNormal  
ReplyRequested: False  
Return Notification: False

Sensitivity: o!Normal  
Recipients received: