PSEGESPeRAIPEm Resource

From: Chowdhury, Prosanta
Sent: Friday, February 11, 2011 3:03 PM
To: 'PSEGRAIResponses@pseg.com'
Cc: PSEGESP Resource; PSEGESPeRAIPEm Resource; 'David.Lewis2@pseg.com'; 'James.Mallon@pseg.com'; 'David.Robillard@pseg.com'; Colaccino, Joseph; Price, Sarah; Silvia, Andrea; Clark, Phyllis; McLellan, Judith; Williams, Stephen; Roach, Edward
Subject: PSEG Site ESPA DRAFT RAI 12 (eRAI 5451) SRP-11.02 (CHPB)
Attachments: PSEG Site ESPA Draft RAI 12 (eRAI 5451).doc

Please find attached DRAFT RAI No. 12 for the PSEG Site ESP application. You have ten working days to review this request and to decide whether you need a conference call to discuss it. Please notify me of your decision in this regard.

After the call, or after ten days, the RAI will be finalized and issued to you. You will then have 30 calendar days to respond. These durations are factored into your review schedule. If additional time is required to respond, please inform me of your proposed schedule to respond at your earliest opportunity.

If you have any questions, please contact me.

Prosanta Chowdhury
Project Manager
EPR Projects Branch
Division of New Reactor Licensing
Office of New Reactors
301-415-1647

Hearing Identifier: PSEG_Site_EarlySitePermit_RAI
Email Number: 20

Mail Envelope Properties (320204600EA7B9408FE833FF15E4FF7D45119FC763)

Subject: PSEG Site ESPA DRAFT RAI 12 (eRAI 5451) SRP-11.02 (CHPB)
Sent Date: 2/11/2011 3:03:06 PM
Received Date: 2/11/2011 3:03:07 PM
From: Chowdhury, Prosanta

Created By: Prosanta.Chowdhury@nrc.gov

Recipients:
"PSEGESP Resource" <PSEGESP.Resource@nrc.gov>
Tracking Status: None
"PSEGESPeRAIPEm Resource" <PSEGESPeRAIPEm.Resource@nrc.gov>
Tracking Status: None
"'David.Lewis2@pseg.com'" <David.Lewis2@pseg.com>
Tracking Status: None
"'James.Mallon@pseg.com'" <James.Mallon@pseg.com>
Tracking Status: None
"'David.Robillard@pseg.com'" <David.Robillard@pseg.com>
Tracking Status: None
"Colaccino, Joseph" <Joseph.Colaccino@nrc.gov>
Tracking Status: None
"Price, Sarah" <Sarah.Price@nrc.gov>
Tracking Status: None
"Silvia, Andrea" <Andrea.Silvia@nrc.gov>
Tracking Status: None
"Clark, Phyllis" <Phyllis.Clark@nrc.gov>
Tracking Status: None
"McLellan, Judith" <Judith.McLellan@nrc.gov>
Tracking Status: None
"Williams, Stephen" <Stephen.Williams@nrc.gov>
Tracking Status: None
"Roach, Edward" <Edward.Roach@nrc.gov>
Tracking Status: None
"'PSEGRAIResponses@pseg.com'" <PSEGRAIResponses@pseg.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	759	2/11/2011 3:03:07 PM
PSEG Site ESPA Draft RAI 12 (eRAI 5451).doc	30714	

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

Request for Additional Information No. 12
Application Revision 0

DRAFT

2/11/2011

PSEG Site ESP
PSEG Power LLC, PSEG Nuclear LLC
Docket No. 52-043
SRP Section: 11.02 - Liquid Waste Management System
Application Section: 11.2

QUESTIONS for Health Physics Branch (CHPB)

11.02-2

10 CFR 20.1302, Compliance with dose limits for individual members of the public, states that the applicant shall demonstrate that the dose rates to individual members of the public will be met.

Table 1.3-8 of the PSEG ESP provides the annual release rate from liquid effluents for each isotope that is expected to be released from each of the proposed reactor designs. Table 1.3-8 also indicates the bounding release rate for each isotope. This table is mostly consistent with Table 11.2-1, which uses the bounding release rate for each isotope (obtained from Table 1.3-8) to compute a total liquid release rate for all units (both new and existing units). However, Table 11.2-1 appears to be missing the release rate for AG-110.

Please provide this missing information in the PSEG ESP Application.