

From: George Dick
To: INTERNET:joseph.bauer@exeloncorp.com
Date: Fri, Feb 9, 2001 3:44 PM
Subject: Dose Questions

Joe,

Please see attached.

George

CC: Jay Lee, Mahesh Chawla

Mail Envelope Properties

(3A8456B1.527 : 22 : 21110)

Subject: Dose Questions
Creation Date: Fri, Feb 9, 2001 3:44 PM
From: George Dick

Created By: OWFN_DO.OWF4_PO:GFD

Recipients	Action	Date & Time
Post Office INTERNET bauer (INTERNET;joseph.bauer@exeloncorp.c	Transferred	02/09 3:44 PM
Post Office OWFN_DO.owf2_po JYL1 CC (Jay Lee)	Delivered Opened	02/09 3:45 PM 02/09 4:15 PM
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Domain.Post Office INTERNET	Delivered	Route INTERNET:exelonco rp.com;joseph
OWFN_DO.owf2_po	02/09 3:45 PM	OWFN_DO.owf2_po
OWFN_DO.owf4_po	02/09 3:44 PM	OWFN_DO.owf4_po

Files	Size	Date & Time
Uprate_Jay_Lee_RAI.wpd	8695	Friday, February 9, 2001 3:42 PM
MESSAGE	653	Friday, February 9, 2001 3:44 PM

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Discussion Items with Byron/Braidwood
(Radiological Analyses)

- In response to RAI question F.7, the licensee provided atmospheric dispersion factors for control room dose calculations in Table F-17. Please identify and discuss the source term release points for each event relative to control room air intakes
- Main Steam Line Break Accident/Steam Generator (SG) Tube Rupture Accident. What are the bases for assumed leak rate values of 0.5 gpm for the faulted SG and 0.658 gpm for the remaining SGs?
- LOCA
 - What is the physical location of the Containment Deck Fans?. Are they safety related? Where is the requirement for the flow rate of 65,000 cfm controlled?
 - Discuss the containment spray operational times (see page 6-672, last paragraph and those values in Table 6.7.8-1).
- Locked Rotor Accident/Locked Rotor Accident with failed open PORV
 - Please provide the bases for the assumptions of primary to secondary leak rates of 1 gpm total and 0.5 gpm/SG assumed for these accidents, respectively
 - Please provide the bases for the assumptions of the fuel rod fraction failures of 5% and 2% for these accidents, respectively
- Gas Tank Rupture
 - Discuss the dose acceptance criteria for gas tank rupture (page 6-687) as compared to the limit specified in Byron/Braidwood Technical Specification Section 5.5.12 (Administrative Controls).
- Liquid Waste Tank Rupture
 - Discuss the dose acceptance criteria for liquid waste tank rupture (page 6-691) and the limit specified in Byron/Braidwood Technical Specification Section 5.5.12 (Administrative Controls) as compared to those in SRP Section 15.7.3.