

PMNorthAnna3COLNPEmails Resource

From: Alicia Williamson
Sent: Tuesday, October 14, 2008 1:06 PM
To: NorthAnna3COL Resource
Subject: FW: MSLB Radionuclide Dose Calculation DCD Tables (predecisional)

From: Ramsdell, James V Jr (Van) [mailto:van.ramsdell@pnl.gov]
Sent: Tuesday, October 14, 2008 12:02 PM
To: Alicia Williamson; Sandusky, William F III
Cc: Davis, Adam J; Barry Zalzman
Subject: RE: MSLB Radionuclide Dose Calculation DCD Tables

Alicia,

The North Anna MSLB DBA doses are

EAB Preexisting I spike 4.8×10^{-4} Sv
EAB Concurrent I spike 2.8×10^{-5} Sv

LPZ Preexisting I spike 3.1×10^{-5} Sv
LPZ Concurrent I spike 1.8×10^{-6} Sv

There appears to be an error in the Xe-135 activities in the table in the GEH letter. Looking at the other noble gases, I would expect the Xe-135 activities to be the same. The difference is small and not significant to dose.

I also found another error in DCD R5..... In Table 15.4-13, there is an error in the Sv/Rem conversion for the EAB dose for the concurrent spike case. The dose in rem matches the dose I calculate from the source term.

Van

From: Alicia Williamson [mailto:Alicia.Williamson@nrc.gov]
Sent: Tuesday, October 14, 2008 4:43 AM
To: Sandusky, William F III; Ramsdell, James V Jr (Van)
Cc: Davis, Adam J; Barry Zalzman
Subject: FW: MSLB Radionuclide Dose Calculation DCD Tables
Importance: High

From: Bruce Baval
Sent: Tuesday, October 14, 2008 7:43 AM
To: Alicia Williamson; Jay Lee
Cc: Amy Cubbage; Charles Cox
Subject: FW: MSLB Radionuclide Dose Calculation DCD Tables
Importance: High

Alicia,

Attached is the revised MSLB Radionuclide Dose Calculation DCD Tables.

Regards,

Bruce

From: White, Frostie (GE Infra, Energy, Non-GE) [mailto:frostie.white@ge.com]

Sent: Monday, October 13, 2008 2:27 PM

To: Bruce Baval

Cc: Hinder, David (GE Infra, Energy, Non-GE, US); Amy Cubbage; Andrea Johnson; Chandu Patel; Dennis Galvin; Douglas Dodson; Eric Oesterle; Hinds, David H (GE Infra, Energy); Leslie Perkins; Mark Tonacci; Michael Eudy; Rocky Foster; Thomas Kevern; Tom Tai; Tucker, Larry (GE Infra, Energy)

Subject: RE: MSLB Radionuclide Dose Calculation DCD Tables

Importance: High

Attached is the revised dose table; apologize for the lateness of its arrival. If you have any questions, please do not hesitate to contact me at my home office. I will be out of the office on Tuesday 10/14 and back on 10/15.

Best regards,

Frostie White

Frostie A. White, PhD, PE
Regulatory Affairs
850-497-9399 (home office)
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910-819-6880 (GE Office)
[GE-Hitachi](#)

From: Bruce Baval [mailto:Bruce.Baval@nrc.gov]

Sent: Monday, October 06, 2008 9:04 AM

To: White, Frostie (GE Infra, Energy, Non-GE)

Subject: MSLB Radionuclide Dose Calculation DCD Tables

Frostie,

Understand you are very busy - but do you know the status of MSLB Radionuclide Dose Calculation DCD Tables we discussed at the Sept 24 conf call?

Thanks,

Bruce M. Baval

NRO/DNRL
Project Manager
Nuclear Regulatory Commission
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Hearing Identifier: NorthAnna3_NonPublic_EX
Email Number: 531

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"NorthAnna3COL Resource" <NorthAnna3COL.Resource@nrc.gov>
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