

From: Gary Smith
To: Freeman, Billy
Date: 8/18/2009 11:28 AM
Subject: Re: Worker Dose

Billy,

Thanks for the inspection report with the dose summary. We were hoping to get a little more dose detail for various worker functions, particularly those involved in loading the waste for transport. Any breakdown of quarterly or annual dose for workers would be great, and appreciated. Thanks again. (I'll try to call this afternoon when my meeting schedule allows.

Gary L. Smith, Ph.D., Section Manager
Uranium and Technical Assessments Section
Radioactive Materials Division
Texas Commission on Environmental Quality
512-239-6460

>>> "Billy Freeman" <Billy.Freeman@tn.gov> 8/18/2009 10:11 AM >>>

Gary,

I am attaching the portion of the of the most recent inspection report that addresses worker dose at the Studsvik Processing Facility in Erwin, TN (radioactive material license # R-86011). I left you a phone message earlier today in an attempt to make sure I understood what you needed. If you have questions or would like to discuss, feel free to call me.

Billy Freeman
Inspection & Enforcement Manager
Division of Radiological Health
Tennessee Department of Environment & Conservation
billy.freeman@tn.gov
(865) 594-5518

>>> Eddie Nanney 8/13/2009 4:10 PM >>>

Gary,

I will be at the SLO meeting next week in Rockville, and the staff to whom I am copying this reply are both out of the office this week, but will be back next week. FYI, Debra is our deputy director and Billy is our manager of inspection and enforcement. This is basically a hand-off of your request to them, and hopefully they can provide some insight that will be helpful.

I'm sure you understand that the Studsvik workers are involved in a variety of activities, including many other than handling the waste containers that will be sent to WCS. As a result, our experience with them here may not be easily translatable to what you can expect there, but we'll try to find a way to help you out.

Best regards,
Eddie

Lawrence E. Nanney, Director
Division of Radiological Health
Tennessee Department of Environment and Conservation
615-532-0360
Eddie.Nanney@tn.gov

>>> "Gary Smith" <GSmith@tceq.state.tx.us > 8/13/2009 2:17 PM >>>
Mr. Nanney,

I worked with Richard Ratliff at the Texas Department of Health for many years before our waste/uranium program was transferred to the Texas Commission on Environmental Quality. I asked Richard for a contact in the Tennessee program and he gave me your name.

We are looking for worker dose information for the Studsvik operation (one of your licensees). As you probably know, Waste Control Specialists is starting to receive and store Studsvik waste casks at their facility in west Texas. We want to develop independent information about expected exposures for WCS workers involved in the transfer of Studsvik waste casks to shields on-site at WCS.

If you can help or can forward this email to one of your staff members, I would appreciate it.

thank you,

Gary L. Smith, Ph.D., Section Manager
Uranium and Technical Assessments Section
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Phone call - 9/10/09 from Bill Freeman. Sent us part of an inspection report. Lists maximum and average annual dose. Highest doses are for those individuals engaged in "sluicing" the loaded resin from HICs to the pyrophoric incinerator. these individuals rotate rapidly through teh facility. A better question would be soemting like person-rem-

year. what is the dose rate for these individuals normalized to a year. After incineration the material is handled shielded and by remote.