

From: Ramsey, Kevin
Sent: Wednesday, December 22, 2010 10:45 AM
To: LC M
Cc: Buzz Davies; Barbara O'Neal; Park, James; Habighorst, Peter; Vias, Steven
Subject: RESPONSE: 19 Nov 2010 questions re NFS Biannual Effluent Monitoring Reports
Attachments: Response to LModica 2010-11-19.docx

Responses to your questions are attached. Sorry about the delay. It's a challenge to get things done during the holidays.

Merry Christmas,

Kevin M. Ramsey
Senior Project Manager
Fuel Manufacturing Branch
U.S. NRC
301-492-3123

From: LC M [<mailto:b.75@live.com>]
Sent: Monday, December 06, 2010 9:59 PM
To: Ramsey, Kevin
Cc: Buzz Davies; Barbara O'Neal; Park, James; Habighorst, Peter; Vias, Steven
Subject: RE: RESEND of 19 Nov 2010 questions re NFS Biannual Effluent Monitoring Reports

Thanks, Kevin.
Looking forward to understanding NFS's Biannual Effluent Monitoring Reports -- finally.

Linda.

Linda Cataldo Modica, Chair
Fuel Facilities Working Group
Sierra Club Nuclear Issues Activist Team
266 Mayberry Road
Jonesborough, TN 37659
(423) 676-2925
b.75@live.com

From: Kevin.Ramsey@nrc.gov
To: b.75@live.com
CC: buzzd@comcast.net; barbaraoneal@embarqmail.com; James.Park@nrc.gov; Peter.Habighorst@nrc.gov; Steven.Vias@nrc.gov
Date: Mon, 6 Dec 2010 08:05:38 -0500
Subject: RE: RESEND of 19 Nov 2010 questions re NFS Biannual Effluent Monitoring Reports

Sorry about the lack of acknowledgement. Region II has been helping research the answers to your questions. The Thanksgiving holiday caused some delays, but we should have a response soon.

From: LC M [<mailto:b.75@live.com>]
Sent: Friday, December 03, 2010 11:19 PM
To: Ramsey, Kevin
Cc: Buzz Davies; Barbara O'Neal; Park, James; Habighorst, Peter; Vias, Steven
Subject: RESEND of 19 Nov 2010 questions re NFS Biannual Effluent Monitoring Reports

Kevin,

Since you haven't acknowledged receipt of my Nov. 19th email, I am resending it in the event my previous message didn't reach your inbox.

Thank you, in advance, for your reply to the questions posed below.

Regards,

Linda.

From: b.75@live.com
To: kevin.ramsey@nrc.gov
Subject: Questions re NFS Effluent Monitoring Reports
Date: Fri, 19 Nov 2010 01:34:49 -0500

Kevin,

Nuclear Fuel Services' Effluent Monitoring Reports (EMR), including the latest, have raised questions that I hope you can answer.

Specifically,

1. Can NRC explain the meaning of the negative "activity concentrations", negative "quantities released" (measured in curies & in grams) and negative "fractions of ECL" that NFS reports in its Effluent Monitoring Reports?
2. Can NRC explain why the total volume of each of the radionuclides that NFS discharged through its WWTF was uniform in **all** of its Effluent Monitoring Reports, from 2000 to the present, **except** in ML060590265 (for the period July 1, 2005 to December 31, 2005) where the total volume of effluents varied?
3. Has the NRC ever independently verified that NFS Effluent Monitoring Reports accurately account for the actual volume and activity concentration of each radionuclide discharged to water by NFS? If so, when?
4. Has TDEC ever independently verified that NFS has not exceeded the limits set in 10 CFR Part 20 for each of the radionuclides discharged to offsite water by NFS? If so, when?

5. When NFS reports that the same number of millions of liters of each radionuclide is being discharged, does that mean to imply that the same volume of each radionuclide is being discharged, or that each radionuclide is being discharged as a fraction of the total volume of liquid effluents?
6. If the latter is the case, why did the quantity of each radionuclide discharged from the WWTF vary in the EMR for the second half of 2005?

Looking forward to your reply,
Linda.

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