

Mike Lamastra, NMSS
From: Peter Tam, *NRN*
To: TWD2.TWP8.MXL2
Date: 10/4/96 9:20am
Subject: Question Re. Criticality Monitor

Mike:

My licensee (Catawba) raised the following question but I do not know who to turn to in NMSS. Can you help by either answering, or forwarding this e-mail to someone who can answer?

10 CFR 70.24 does not require criticality monitoring "when special nuclear material is being transported when packaged in accordance with requirements of Part 71..." However, depending on the actual physical setup at a nuclear plant, upon arrival at the site, the nuclear fuel assemblies would be transported without packaging from the truck to the new fuel storage area. While it is easy to see that moving assemblies one at a time in air has no physical possibility of attaining criticality, and therefore is of no safety concern, it is not clear if criticality monitors would be required on the route between the truck and the fresh fuel storage area. What do you think?

CC:

HNB, DXW, VXN, DEL

From:

Michael Lamastra

To:

WND2.WNP3(PST)

Date:

10/4/96 11:07am

Subject:

Question Re. Criticality Monitor -Reply

Duke Wheeler, VRR
Herb Berkow, NRN
Vic Norses, VRR
Dave Labarge, VRR
Peter, it seem pretty clear to me that the licensee is required to have a monitor or request an exemption based on no safety concern. I will forwarded your request to of criticality people to get their thoughts

From:

Eric Leeds

To:

WND2.WNP3.PST

Date:

10/8/96 9:52am

Subject:

Question Re. Criticality Monitor -Reply

Peter -

In response to your e-mail on criticality monitoring for transfer of fresh fuel in a Part 50 licensee's fuel handling building:

Unless I misunderstand your e-mail, the issue should be addressed under Part 50 - its not a Part 70 issue. I recommend you speak with the folks in reactor systems - I cc:d Lawrence Phillips and Tim Collins on this e-mail. If your sure its a Part 70 issue, please come see me - I'm in O-6-G-24.

Thanks!

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