

From: [Horn, Brian](#)
To: [Siurano-Perez, Osiris](#)
Cc: [Grice, Thomas](#); [Ani, Suzanne](#)
Subject: RE: reply to your e-mail re: USEC's Response to NRC Approval of CoC Termination
Date: Thursday, November 06, 2014 11:28:24 AM

Morning Osiris:

The NMMSS operator has confirmed to me that the NMMSS database shows a zero balance of nuclear material in the four NMMSS accounts identified with their reporting identification symbols (RIS) of BYC, BYCH, SYC & VYD. The NMMSS operator has also notified me that they have de-activated all of the RIS accounts that were under USEC controlled for the Paducah site.

Based on the above actions, I am confirming that there are no further issues involving the NMMSS database and the USEC Paducah site.

I recommend that the NRC proceed with the termination of the USEC Paducah site license activities.

Brian Horn
301-287-9129

From: Siurano-Perez, Osiris
Sent: Wednesday, November 05, 2014 10:09 AM
To: Ani, Suzanne; Horn, Brian
Cc: Grice, Thomas; Pham, Tom; Smith, Brian
Subject: RE: reply to your e-mail re: USEC's Response to NRC Approval of CoC Termination

Folks:

Would the attached be enough to address your concerns? Would this provide sufficient basis for you to recommend the termination of the CoC?

Thanks.

Osiris

From: Ani, Suzanne
Sent: Wednesday, October 29, 2014 3:51 PM
To: Siurano-Perez, Osiris
Cc: Grice, Thomas; Horn, Brian; Pham, Tom
Subject: RE: reply to your e-mail re: USEC's Response to NRC Approval of CoC Termination

Osiris,

MCAB licensing staff has completed review of USEC's response, particularly information regarding items (2) and(3) from the NRC letter:

“(2) ownership and possession of all NRC-regulated material has been transferred to DOE;
(3) all material transfer documentation and updates to the Nuclear Material Management and Safeguards System (NMMSS) database are complete;...”

In Enclosure 3 of USEC's response, the ownership and possession of all NRC-regulated material under USEC reporting identification symbol –BYC—has been transferred to DOE entities (GGB, GBD), as indicated on the DOE/NRC Form 741s.

As specified in Brian Horn's evaluation below, three of the four USEC-controlled reporting identification symbols show zero balances of nuclear material in the NMMSS.

In order to completely address items (2) and (3), responsibility of the 4th USEC-controlled reporting identification symbol – VYD—should be transferred to DOE and the NMMSS database updated accordingly.

Thank you,
Suzanne

Suzanne M. Ani

NMSS/FCSS/MCAB

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From: Horn, Brian
Sent: Wednesday, October 29, 2014 2:45 PM
To: Siurano-Perez, Osiris
Cc: Grice, Thomas; Ani, Suzanne
Subject: reply to your e-mail re: USEC's Response to NRC Approval of CoC Termination
Importance: High

Afternoon Osiris:

As requested, I reviewed the information you provided. Following is my input for your consideration.

I am aware of four Reporting Identification Symbols (RIS) used by USEC to report nuclear material, at the Paducah site, to the Nuclear Materials Management and Safeguards System (NMMSS) database. The RISs are "BYC, BYCH, SYC" and "VYD". The NMMSS operating staff has confirmed to me that the NMMSS database shows a zero balance of nuclear material for RIS=BYC, BYCH and SYC. The NMMSS operating staff so confirmed that the NMMSS database shows a zero balance of foreign obligated nuclear material for RIS = BYC, BYCH and SYC. These three RIS's should be de-activated by USEC. [I would appreciate it if you would inform USEC of this recommendation and urge USEC to contact NMMSS and request RIS=BYC, BYCH and SYC be de-activated.]

The NMMSS operating staff informs me that the NMMSS database shows a balance of nuclear material for RIS=VYD. This RIS (VYD) has been used over the decades as a Paducah waste site. As a waste site, RIS=VYD would be expected to contain nuclear material. The NMMSS operator did some additional checking

and has informs me that USEC has not taken any apparent action to transfer RIS=VYD to DOE. [I would appreciate it if you would inform USEC that they should contact NMMSS and DOE and coordinate the prompt transfer of RIS=VYD to DOE.]

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Based on the above information, I believe that you have a reasonable basis to consider three of the USEC controlled RIS's no longer contain any USEC nuclear material. However, until the fourth USEC controlled RIS (RIS=VYD) is transferred to DOE, the nuclear material located in the RIS, at the Paducah site, could be argued as being under USEC controlled.

Regards
Brian Horn
287-9129

From: Siurano-Perez, Osiris
Sent: Monday, October 27, 2014 7:51 AM
To: Ditto, David; Diaz, Jose; Crespo, Manuel; Carter, Ted; Ani, Suzanne; Bukharin, Oleg; Everly, JKeith; Downs, James; Thomas, MaryLynne; Horn, Brian; Pham, Tom
Cc: Smith, Brian
Subject: USEC's Response to NRC Approval of CoC Termination
Importance: High

To all:

Good morning!

Attached please find the U.S. Enrichment Corporation's response on the NRC's review of USEC's notification of termination of regulated activities and termination of the CoC for the Paducah GDP (also attached).

I am requesting your technical evaluation of this response. Please look at the letter issued by the NRC, specifically, the 6 items listed in the third paragraph, that USEC had to address for the NRC to proceed to terminate the CoC, and let me know if USEC has addressed each of the items in their response.

I request your response by **NLT Wednesday, October 29, 2014**. I also wanted to note that, since I am on training at the PDC this week, it may take me some time to respond in case you need me. I will be checking my e-mails during brakes and lunchtime. Please let me know if you have any questions.

Keith: We need to talk about this response so I'll try to stop by at noon.

Thanks to all!

Osiris Siurano