

From: [Augustus, Reginald](#)
To: [Murray, Ruthanne](#)
Cc: [Naquin, Tyrone](#)
Subject: RE: TAR for MIT Reactor Eval
Date: Wednesday, February 17, 2016 10:49:21 AM
Attachments: [image001.png](#)

Good morning Ruthanne,

I am the financial assurance reviewer for MIT's materials license. For the most recent review I performed (December 2015), I received an original version of the SG submission. My office (NMSS) maintains these submissions in a fireproof safe. Please let me know if you have any additional questions.

Regards,

Reggie Augustus
NMSS
301-415-0165

From: Naquin, Tyrone
Sent: Tuesday, February 16, 2016 1:12 PM
To: Augustus, Reginald
Cc: Murray, Ruthanne
Subject: FW: TAR for MIT Reactor Eval

Reggie,
Ruthanne Murray is reviewing the update to decommissioning financial assurance for MIT on the reactor side. Please look at the thread of emails below, and see her request to me on February 12. She is asking for the original submission, which I have explained to her that I have turned it in to your office. Please confirm for her that it is in your office possession, so she can validate for her management chain that the NRC is in possession of the original. That should be the final piece of information she will need for completing the reactor portion. Thanks

Ty

T. D. Naquin, CHP
NMSS/FCSE/FMB
(301) 415-7352



From: Murray, Ruthanne
Sent: Tuesday, February 16, 2016 9:41 AM
To: Naquin, Tyrone <Tyrone.Naquin@nrc.gov>
Subject: RE: TAR for MIT Reactor Eval

Hi Ty:

I say let's try it.

I will include the following...let's see if Tony will sign off ☺

"The Project Manager confirmed to IFIB on February 12, 2016, that an originally signed duplicate of the self-guarantee agreement, dated October 5, 2009, was recently submitted to the Office of Nuclear Material Safety and Safeguards (NMSS), Division of Decommissioning, Uranium Recovery Waste Program (DUWP) as a part of the package for the SNM license. Based on this information, the guidance in NUREG-1757 would be duplicative. The self-guarantee agreement is part of the NRC's legacy document system (ADAMS Accession Nos. ML100070108, ML101930104 and ML101340587)."

Note: subject to change.

From: Naquin, Tyrone
Sent: Friday, February 12, 2016 4:28 PM
To: Murray, Ruthanne <Ruthanne.Murray@nrc.gov>
Subject: RE: TAR for MIT Reactor Eval

That sounds great Ruthanne. I believe I carried the original to the DUWP people, who reviewed the package for the SNM license. They have the same interest as you in the original. Would you be willing to take a confirmation of the reviewer that they have the original? I'm not sure how to split the baby. Suggestion?
But I really appreciate your quick work on this. This is extremely helpful.

Have a great weekend.

Ty

T. D. Naquin, CHP
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(301) 415-7352



From: Murray, Ruthanne
Sent: Friday, February 12, 2016 2:49 PM
To: Naquin, Tyrone <Tyrone.Naquin@nrc.gov>
Subject: RE: TAR for MIT Reactor Eval

Hi Ty,

I apologize for one last request, but I turned in my final for review and an inconsistency was found. NUREG-1757 requests that an "originally signed duplicate" of the self-guarantee

agreement be submitted with the self-guarantee letter. After reviewing the language myself, it appears that the purpose was to ensure that the original agreement was still in full force and effect as it could be cancelled by the licensee by supplying notice to the NRC. Resubmitting it with the package seems to be a confirmation that it is still in full force and effect without changes. IFIB is reviewing several of these and wants to remain consistent.

Pages 6 – 9 of the attached document is the original self-insurance guarantee from October 5, 2009 that should be included with the self-guarantee letter for 2015.

Once I receive the ADAMS Accession Numbers for the 2015 Treasurer's Report and the originally signed duplicate of the self-guarantee agreement, the review will be presented to the BC for signature.

Feel free to give me a call if you would like to discuss.

Thanks so much for your continued assistance.

Best,
Ruth

From: Naquin, Tyrone
Sent: Wednesday, February 10, 2016 12:28 PM
To: Murray, Ruthanne <Ruthanne.Murray@nrc.gov>
Subject: RE: TAR for MIT Reactor Eval

Hopefully this will work. Let me know if there is anything else I can supply. I will have this placed in ADAMS as well.

Ty

T. D. Naquin, CHP
NMSS/FCSE/FMB
(301) 415-7352



From: Murray, Ruthanne
Sent: Wednesday, February 10, 2016 8:15 AM
To: Naquin, Tyrone <Tyrone.Naquin@nrc.gov>
Subject: RE: TAR for MIT Reactor Eval

Thanks, Ty. That will work perfectly.

From: Naquin, Tyrone
Sent: Wednesday, February 10, 2016 7:58 AM

To: Murray, Ruthanne <Ruthanne.Murray@nrc.gov>

Subject: RE: TAR for MIT Reactor Eval

Shall I request the complete report? If my contact is in, I can probably have it to you today.

Ty

T. D. Naquin, CHP
NMSS/FCSE/FMB
(301) 415-7352



From: Murray, Ruthanne

Sent: Wednesday, February 10, 2016 7:52 AM

To: Naquin, Tyrone <Tyrone.Naquin@nrc.gov>; Boyle, Patrick <Patrick.Boyle@nrc.gov>

Cc: Olvera, Eric <Eric.Olvera@nrc.gov>

Subject: FW: TAR for MIT Reactor Eval

Greetings,

I am working with Eric on this year's MIT self-assurance submission for decommissioning. Everything looks in order, however, the 2015 Treasurer's Report has not been provided in full (only the first page is available as far as I can tell). Open the first attachment and scroll to the last page. Only the first page of the report is there. I have attached a prior submission from 2009 showing the complete Treasurer's Report. The second attachment has the first page, but also continues with the entire report.

Our interest is to verify that audited financial statements have been submitted.

If you have any questions, please feel free to contact me directly.

Best,

From: Naquin, Tyrone

Sent: Thursday, January 07, 2016 5:55 AM

To: Bowers, Anthony <Anthony.Bowers@nrc.gov>

Cc: Boyle, Patrick <Patrick.Boyle@nrc.gov>; Olvera, Eric <Eric.Olvera@nrc.gov>; Johnson, Robert <Robert.Johnson@nrc.gov>

Subject: Fw: TAR for MIT Reactor Eval

Mr. Bowers,

I'm the PM for the MIT Part 70 license and am coordinating the decommissioning financial assurance update for the materials license and reactor, and am providing the TAR below. Eric did the review last year and we discussed the topic, along with Pat, on Tuesday. If there are

any questions, please let me know. Thank you.

Ty

From: Naquin, Tyrone

Sent: Tuesday, January 5, 2016 1:58 PM

To: Johnson, Robert

Subject: TAR for MIT Reactor Eval

Hi Robert,

Could you please send this to Anthony Bowers, the BC in IFAIB who would do a financial assurance update for the reactor at MIT. Please Cc Patrick Boyles, the PM for the reactor. This has been discussed with Pat Boyles, who knows it's coming. For future reference, we are going to split the submittal in the future, i.e. the reactor folks will handle the reactor portion of any financial assurance and we will consider only the materials portion. I have already received the input for the materials portion.

Thanks

Ty

The Fuel Manufacturing Branch of the Division of Fuel Cycle Safety and Safeguards requests technical assistance for the following project:

PROJECT: Massachusetts Institute of Technology (MIT) Self Guarantee for Decommissioning Financial Assurance

LICENSE: R-37 (Reactor)

TAC NO: L60428

ADAMS NO: ML15281A032 (Package) and ML15306A105 MIT Self Guarantee Agreement for Decommissioning Funding Update Review

REQUESTED ACTION: Review the Self Guarantee for the reactor portion, submitted by MIT on October 30, 2015. Prepare requests for additional information, if needed. Evaluate any additional information submitted.

Participate in meetings, conference calls, and site visits, if necessary. Provide input for Safety Evaluation Report.

The above task is estimated to require approximately 30 staff hours.

RAI requested by: February 15, 2016

SER input requested by: March 30, 2016

NRR/DIRS/IFAIB Branch Chief please reply to tdn1@nrc.gov for MIT reactor and fill in the following:

Technical Reviewer: _____

RAI input target date: _____

SER input target date: _____

FMB licensing assistant to docket reply.

Contacts: PM: Ty Naquin (301) 415-7352

LA: Tamyra Brockington (301) 415-8714