

From: Ramsey, Kevin
To: lcmodica@aol.com
Cc: barboneal@charter.net
Subject: NFS Current License
Date: Thursday, March 28, 2019 4:24:00 PM

The current downblending process was first authorized by Amendment 47 (to the 1999 renewal) dated January 13, 2004.

- ML040130530 – Letter
- ML040280209 – SER

As you know, the license was renewed in 2012.

- ML113040421 – Package containing letter, license, and SER.

Condition S-1 of the license states that it is for use in accordance with the application (which is very large).

- Chapter 1 of the application contains general descriptions of the processes authorized. (Many more details in other chapters.)
- ML18011A186 – File contains the latest revision of Chapter 1.
- In Chapter 1, Page 1-3 describes the BLEU Preparation Facility (BPF) (Bldg. 333). Conversion of HEU materials to pure HE uranyl nitrate solution, preparation of blendstock (natural uranyl nitrate solution), subsequent mixture of high-enriched uranyl nitrate and blendstock solution to form a low-enriched uranyl nitrate solution (product), and uranium recovery operations.

From: lcmodica@aol.com [mailto:lcmodica@aol.com]
Sent: Thursday, March 28, 2019 2:48 PM
To: Ramsey, Kevin <Kevin.Ramsey@nrc.gov>
Cc: barboneal@charter.net
Subject: [External_Sender] Re: Amendment 3 of SNM-124

Kevin,

Thanks for investigating Amendment 3 and the Safety Evaluation Report that accompanied it. Amendment 3 is just from the prior license and not terribly old. So, hopefully, it's not buried too deep in NRC's files.

In the meantime, could you point me to the section in NFS's current license that allows NFS to downblend without needing a license amendment?

Thank you for your assistance,
Linda.

Linda Cataldo Modica, VP-ECAN
266 Mayberry Road
Jonesborough, TN . 37659

-----Original Message-----

From: Ramsey, Kevin <Kevin.Ramsey@nrc.gov>
To: lcmodica@aol.com <lcmodica@aol.com>
Cc: barboneal@charter.net <barboneal@charter.net>
Sent: Wed, Mar 27, 2019 3:08 pm
Subject: RE: Amendment 3 of SNM-124

You won't find it in the ADAMS Main Library. That only goes back to 2000 (except for a few older documents that were scanned for various reasons).

There is an ADAMS Legacy Library which is only available internally. It is just a profile of documents on microfiche (not full text). It's been a while since I requested a copy of a document in the Legacy Library. I need to ask some folks how that works these days. We had a contractor for such requests years ago, but contracts change as they get renewed.

From: lcmodica@aol.com [<mailto:lcmodica@aol.com>]
Sent: Tuesday, March 26, 2019 6:18 PM
To: Ramsey, Kevin <Kevin.Ramsey@nrc.gov>
Cc: barboneal@charter.net
Subject: [External_Sender] Amendment 3 of SNM-124

Kevin,

I'm looking for Amendment 3 of NFS's 1991 SNM-124. I have searched ADAMS, and no luck. Would you know how to find it? It should have been dated May 7, 1993 and would have authorized NFS to blend down HEU and supposedly had the following code: NRC-TAC L21676. I'd also like to see the SER for Amendment 3 too, and would appreciate your help finding that document as well.

Many thanks for your assistance with this question,
Linda.

Linda Cataldo Modica, VP-ECAN
266 Mayberry Road
Jonesborough, TN . 37659