

From: [Lux, Jeff J](#)
To: [Smith, James](#); [Zaitz, Jill](#)
Cc: [Burrows, Ronald](#); [Guo, Lifeng](#)
Subject: [External_Sender] RE: Request: Need a document from Cimarron if they have it
Date: Tuesday, July 28, 2020 1:15:17 PM
Attachments: [1997-03-13 NRC to Cim - Comments on GW and SW Assessment and GW Quality Study.pdf](#)

We have in our files the complete letter from NRC, with comments attached. Jim, this passes preflight preview. Can you send this to the PDR and advise them to replace the file you sent me with this one? Note, the attached file does not include the concurrence review pages.

*Jeff Lux, Project Manager
405-642-5152*

From: Smith, James <James.Smith@nrc.gov>
Sent: Tuesday, July 28, 2020 9:21 AM
To: Lux, Jeff J <jlux@burnsmcd.com>; Zaitz, Jill <jzaitz@burnsmcd.com>
Cc: Burrows, Ronald <Ronald.Burrows@nrc.gov>; Guo, Lifeng <lifeng.guo@nrc.gov>
Subject: FW: Request: Need a document from Cimarron if they have it

Jeff –

We are trying to track down an attachment to a March 13, 1997 letter from NRC regarding the Tc-99 derived concentration limit of 3,790 pCi/l. I found the attached Kerr McGee report from May 1997, which indicates that the 3790 pCi/l is their Minimum Concentration Level (MCL), the lowest level that they can measure with their instrumentation and sampling practices, and justifies using that since it is below the 10 CFR Part 20, Appendix B limit of 60,000 pCi/l for Tc99 effluent releases. I don't know what was attached to the March 13, 1997 letter, so I would like to take a look if you have it to see if there was some analysis of the dose associated with it.

Thanks

Jim



From: Burrows, Ronald <Ronald.Burrows@nrc.gov>
Sent: Tuesday, July 28, 2020 8:04 AM

To: Smith, James <James.Smith@nrc.gov>; Guo, Lifeng <Lifeng.Guo@nrc.gov>

Subject: Request: Need a document from Cimarron if they have it

Hi, Jim.

I am looking for a specific document that provides the basis for the Tc-99 derived concentration limit of 3,790 pCi/l.

This is for the LAR to redefine the licensed area.

History:

Cimarron provided two groundwater and surface water reports (December 30, 1996):

[Transmittal of Groundwater and Surface Water Assessment & Recharge and Groundwater Quality Study for Cimarron Corporation's Former Nuclear Fuel Fabrication Facility, Crescent, OK.\(ML092680660\)](#)

NRC staff provided comments on these reports (March 13, 1997):

[NRC Staff Comments on the Two Reports Entitled, "Groundwater and Surface Water Assessment" and "Recharge and Groundwater Quality Study" for Cimarron Corp's Former Nuclear Fuel Fabrication Facility. \(ML092610873\)](#)

These NRC staff comments contain our assessment that the derived concentration limit for Tc-99 at the site should be 3,790 pCi/l.

The March 13, 1997, letter is referenced many times over the years by NRC and Cimarron.

What I can find in ADAMS is the transmittal letter, but **no attachments**, and therefore no assessment.

I could check microfiche, but probably not a good use of my time if Cimarron has it.

If Lifeng doesn't have these comments, would you please request Cimarron to check.

Thank you.

Ron