



March 24, 2011

Keith McConnell, Deputy Director
Decommissioning & Uranium Recovery Licensing Directorate
C/o Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Docket No. 40-8452
Source Material License No. SUA-1310

Attn: Tom McLaughlin, Project Manager

Dear Mr. McLaughlin:

On December 6, 2010, Anadarko Petroleum Corporation (APC) received NRC's request to submit a new Alternate Concentration Limit (ACL) application for the Bear Creek Uranium Facility. The request had a six month deadline for submittal of the application, which would mean a due date of June 6, 2011.

A critical part of the preparation of the submittal is a new groundwater modeling effort, which required a new round of groundwater sampling. Due to the extreme winter weather conditions this year in Wyoming, there were some delays in obtaining the samples. The samples were obtained in February and we are currently awaiting the results from the lab. Once we have the analytical results the modeling effort can begin.

APC may have a problem meeting the June 6, 2011 target and therefore requests a three month extension for submittal of the ACL application until September 6, 2011.

If you have questions concerning this submittal contact me at (307) 870-4455 or email at Ernie.Scott@anadarko.com.

Sincerely,

A handwritten signature in black ink that reads "Ernie Scott".

Ernest Y Scott
Mining Operations Advisor

UM5501