



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

August 30, 2018

Mr. Andrew Voelker
Anadarko Petroleum Company
P.O. Box 173779
Denver, CO 80217

SUBJECT: 2018 SURETY ESTIMATE UPDATE FOR ANADARKO'S BEAR CREEK
WYOMING SITE

Dear Mr. Voelker:

I am writing in response to a letter from Andrew Wurdack, dated April 23, 2018, that responded to the U.S. Nuclear Regulatory Commission (NRC) staff's request for additional information on Anadarko Petroleum Company's (Anadarko's) 2018 Surety Bond Estimate for your Bear Creek, Wyoming site (Agencywide Documents Access and Management System (ADAMS) Accession Number ML18128A366). In the letter Anadarko proposed a new surety amount of \$958,767.

The NRC staff has reviewed the proposed surety amount and has determined that the appropriate amount, using the new Corporate Overhead and NRC Management/Review costs; inflation, based on the Consumer Price Index-Urban (CPI-U) for 2017; a 15 percent contingency factor; and, an inflation adjusted long-term surveillance fee, is \$960,939. Our calculation for this surety amount is:

Corporate Overhead	\$2,000
Corporate - NRC Management/Review Costs	\$10,000
2017 CPI-U for September = 246.819	
2013 CPI-U: 234.419	
2017 Corporate Costs Total (246.819/234.149) x 12,000	\$12,649
Contingency@15 percent to Corporate Costs (A & B)	\$1,897
2017 Corporate Costs Total (CPI and 15 percent Contingency Included)	\$14,547
2017 Long-term Surveillance Fee (includes CPI-U adjustment)	\$946,392
TOTAL	\$960,939

Please review this estimate and provide a surety bond in the amount of \$960,939 within 30 days of the date of this letter. If you need additional time to obtain the surety bond, or wish to discuss the staff's calculation, please let me know as soon as possible.

A. Voelker

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In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

If you have any questions concerning this letter or the staff's evaluation, please contact me at 301-415-6749 or by email at Dominick.Orlando@nrc.gov.

Sincerely,

/RA/

Dominick A. Orlando, Senior Project Manager
Materials Decommissioning Branch
Division of Decommissioning, Uranium Recovery,
and Waste Programs
Office of Nuclear Material Safety
and Safeguards

Docket No.: 040-8452
License No.: SUA-1310

cc: P. Holmes
Anadarko Petroleum Company
P.O. Box 173779
Denver, CO 80217

A. Voelker

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SUBJECT: 2018 SURETY ESTIMATE UPDATE FOR ANADARKO'S BEAR CREEK
WYOMING SITE **DATE August 30, 2018**

ADAMS Accession No.: ML18240A384

***via email**

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NAME	DOrlando	SAchen	CMcKenney	SKoenick	DOrlando
DATE	8/29/18	8/29/18	8/29/18	8/30/18	8/30/18

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