

# UNITED NUCLEAR CORPORATION



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March 31, 2014

ATTN: Document Control Desk  
Mr. Andrew Persinko, Deputy Director  
Decommissioning and Uranium Recovery Licensing Directorate  
Division of Waste Management and Environmental Protection  
Office of Federal and State Materials and Environmental Management Programs  
U.S. Nuclear Regulatory Commission  
11545 Rockville Pike  
#2 White Flint, Mail Stop T8 F-5  
Rockville, MD 20852-2738

Subject: Church Rock Financial Surety Requirement, - Source Material License No. SUA-1475

Dear Mr. Persinko:

Source Materials License No. SUA-1475, License Condition 25, requires that United Nuclear Corporation (UNC) provide an annual update of the surety amount and maintain a Nuclear Regulatory Commission (NRC) approved surety arrangement, consistent with 10 CFR 40, Appendix A, Criteria 9 and 10. This letter transmits the annual surety update.

UNC completed a comprehensive re-baseline of the surety requirement that was submitted in September 2004. The conditions used in the re-baselined surety calculation have not changed from the re-baselined adjustment. Additionally, a Site-Wide Supplemental Feasibility Study (SWSFS), directed by U.S. Environmental Protection Agency (EPA) in 2005, is in progress at the site. Completion of the SWSFS is expected to occur in 2014. Once the SWSFS is complete, a review of the study results will be conducted and where applicable, compared against the conditions used in the initial re-baseline calculation.

As a result of continued steady-state conditions at the site and the ongoing SWSFS, the only proposed change to the annual surety amount takes into account the 1.13% increase in the consumer price index for all urban consumers from the end of February 2013 (232.166) through the end of February 2014 (234.781). It is recommended that the surety amount be increased from \$3,234,410 to (3,270,959) and the license be amended to reflect the change.

I will forward a copy of the bond to you as soon as I receive the reissued certificate rider.

As of September 1997, UNC became a wholly-owned, indirect subsidiary of the General Electric (GE) Company. GE Corporate Environmental Programs have been retained through a separate administrative services agreement to assist UNC both technically and administratively with environmental issues at the Church Rock site. Please contact me or Roy Blickwedel at GE if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Larry Bush".

Larry Bush, Vice President

cc: Roy Blickwedel, GE (via E-mail)  
Yolande Norman, NRC (via E-mail)  
NRC Region IV