

UNITED NUCLEAR CORPORATION



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August 29, 2022

ATTN: Document Control Desk,

40-8907

Deputy Director
Division of Decommissioning, Uranium Recovery and Waste Programs
Office of Nuclear Materials Safety and Safeguards
U.S. Nuclear Regulatory Commission
11555 Rockville Pike, #2 White Flint
Mail Stop T-8F5
Rockville, MD 20852-2738

RE: First Half –January thru June 2022
Semi – Annual Ground Water Monitoring Report,
QA/QC Report and Environmental Monitoring Report.

Dear Deputy Director:

The above reports are submitted pursuant to UNC's NRC Source Materials License NO. SUA-1475. Condition 30C and 12; Section V.A. 15 of the EPA Administrative Order for the Church Rock Site.

Zone 3 well 420 has not been sampled since 1-5-21 due to an unforeseen stuck or immovable pump in casing and lines got disconnected as pump was being pulled out for maintenance work but water level measurements are taken. Well reference elevation figures were adjusted to conform to historical well statistics and Annual GW Corrective Action Reports.

Well Samples for 614, 515-A, 604, 613, 708, EPA-14, 717 and 717 Duplicate were submitted as possibly containing 11e (2) By Product Material also included were wells EPA-7, 517, 711, 719, MW-7, NW-5, 801, 632, 509-D, EPA-23, 803, 808, 802, GW-1, 624, NW-4, EPA-25 and RW-A. These samples were submitted to Energy Laboratories, Inc., in Casper Wyoming and handled accordingly.

Although not part of the performance monitoring program requirement Zone 3 supplemental wells PB-4, NBL-2, SW-1B, SW-3B, RW-A, NW wells 1 thru 5, MW-6, MW-7 and IW-A are also included in this report (PB-4, MW-6, NW-1, IW-A and NW-2 are monitored monthly or quarterly for water level only). Sentinel wells SW-1B and SW-3B are located within Navajo Nation Indian Reservation. There is no effluent monitoring data to report.

Sincerely,

Max Chischilly Jr.

Max Chischilly Jr.
Radiation Safety Officer

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Enclosures

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NMSS

Cc. Tim Axley, Wood E&IS (1CD)
Bill Pearson, NMED (1CD)
Darial Yazzie, NNEPA (1CD)
Jim Smith, NRC (1 printed copy, 1CD)
Janet Brooks, USEPA Region 6 (1 flash drive)
Ray L. Kellar, NRC Region IV (1CD)
Jane Marshall, NRC (1 CD)