

February 5, 2014

MEMORANDUM TO: Lydia Chang, Chief
Special Projects Branch
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

FROM: Yolande Norman, Project Manager **/RA/**
Special Projects Branch
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

SUBJECT: MEETING SUMMARY RE: MEETING TO DISCUSS GENERAL
ELECTRIC/UNITED NUCLEAR CORPORATION PLANNED
APPROACH TO FULFILL THE REQUIREMENTS OF THE U.S
NUCLEAR REGULATORY COMMISSION ENVIRONMENTAL
REVIEW PROCESS IN PREPARATION FOR A FUTURE LICENSE
AMENDMENT REQUEST TO DISPOSE OF MINE WASTE FROM
THE NORTHEAST CHURCH ROCK MINE SITE TO THE UNC
CHURCH ROCK MILL SITE

On January 23, 2014, a meeting was held with General Electric (GE) - United Nuclear Corporation (UNC), to discuss the U.S. Nuclear Regulatory Commission (NRC) environmental review process. GE/UNC anticipates amending Source Material License No. SUA -1475 under a future license amendment request to dispose of mine waste from the Northeast Church Rock Mine Site to the NRC-licensed UNC Church Rock Mill Site located in McKinley County, New Mexico.

License No.: SUA-1475

Enclosure: Meeting Summary

CONTACT: Yolande Norman, FSME/DWMEP
(301) 415-7741

February 5, 2014

MEMORANDUM TO: Lydia Chang, Chief
Special Projects Branch
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

FROM: Yolande Norman, Project Manager **/RA/**
Special Projects Branch
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

SUBJECT: MEETING SUMMARY RE: MEETING TO DISCUSS GENERAL
ELECTRIC/UNITED NUCLEAR CORPORATION PLANNED
APPROACH TO FULFILL THE REQUIREMENTS OF THE U.S
NUCLEAR REGULATORY COMMISSION ENVIRONMENTAL
REVIEW PROCESS IN PREPARATION FOR A FUTURE LICENSE
AMENDMENT REQUEST TO DISPOSE OF MINE WASTE FROM
THE NORTHEAST CHURCH ROCK MINE SITE TO THE UNC
CHURCH ROCK MILL SITE

On January 23, 2014, a meeting was held with General Electric (GE) - United Nuclear Corporation (UNC), to discuss the U.S. Nuclear Regulatory Commission (NRC) environmental review process. GE/UNC anticipates amending Source Material License No. SUA -1475 under a future license amendment request to dispose of mine waste from the Northeast Church Rock Mine Site to the NRC-licensed UNC Church Rock Mill Site located in McKinley County, New Mexico.

License No.: SUA-1475

Enclosure: Meeting Summary

CONTACT: Yolande Norman, FSME/DWMEP
(301) 415-7741

UNC Church Rock Distribution List

DISTRIBUTION

APersinko LCamper RidsOgcMailCenter MMeyer LGuo AWaldron HArtt
JPark JWeil VKurian ZCruz JOlmstead TStokes LGersey, RIV

ML14028A454

OFC	DWMEP/PM	DWMEP/LA	DWMEP/BC	DWMEP/PM
NAME	YNorman	SAchten	LChang	YNorman
DATE	01/28 /14	02/03/14	02/05/14	02/ 05/14

OFFICIAL RECORD COPY

UNC Church Rock Distribution List

Larry Bush
United Nuclear Corporation
P.O. Box 3077
Gallup, NM 87305

Roy Blickwedel
General Electric
640 Freedom Business Center
King of Prussia, PA 19406

Lance Hauer
General Electric
640 Freedom Business Center
King of Prussia, PA 19406

Randall McAlister
General Electric
3135 Easton Turnpike, MC W1L
Fairfield, CT 06828

Robert Warren
Chester Engineers, Inc.
1315 West College Ave., Suite 100
State College, PA 16801

Janet Brooks
Louisiana/Oklahoma/New Mexico Section
(6SF-RL)
U.S. EPA - Region 6
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

Sara Jacobs
Superfund Program
U.S. EPA, Region 9
75 Hawthorne St. (SFD-8-2) 9th Flr. San
Francisco, CA 94105

Eugene Esplain
Navajo Nation Environmental Protection
Agency
WRCD Superfund Program
P.O. Box 2946
Window Rock, AZ 86515

Earle Dixon
New Mexico Environment Department
Ground Water Quality Bureau
Harold Runnels Bldg., Room N2250
1190 St. Francis Drive
PO Box 26110
Santa Fe, NM 87502

Jerry Schoeppner
New Mexico Environment Department
Ground Water Quality Bureau
Harold Runnels Bldg., Room N2250
1190 St. Francis Drive
PO Box 26110
Santa Fe, NM 87502

Deborah Steckley
U.S. Department of Energy
Office of Legacy Management
2597 Legacy Way.
Grand Junction, CO 81503

Dr. April Gil
U.S. Department of Energy
Office of Legacy Management
2597 Legacy Way
Grand Junction, CO 81503

MEETING REPORT

DATE: January 23, 2014

TIME: 2:00 p.m. – 5:00 p.m.(EST)

PLACE: Two White Flint, Room T-8-A1
U.S. Nuclear Regulatory Commission, Headquarters
11555 Rockville Pike
Rockville, Maryland 20852

PURPOSE:

To discuss General Electric - United Nuclear Corporation's (GE/UNC's) planned approach to fulfill the requirements of the U.S. Nuclear Regulatory Commission (NRC) environmental review process in preparation for a future license amendment request to dispose of mine waste from the Northeast Church Rock Mine site at the UNC Church Rock Mill site. This meeting provided GE/UNC with the opportunity to share their perspective on the NRC's environmental review process and provided an opportunity for stakeholders' input.

ATTENDEES:

See attached Attendees List.

DISCUSSION:

The meeting followed the agenda for January 23, 2014, (See Attachment 2). Specific questions were asked and responses discussed regarding the development of detailed environmental documents and anticipated timelines, remedial alternatives for disposal of the mine waste, preliminary conceptual design for enhancements to the tailings impoundment, NRC's regulatory framework for mine waste disposal, the status of ongoing remediation activities and the existing reclamation plan. GE/UNC provided an overview of the project and shared their interest in understanding the NRC's environmental review process for a future proposed licensing action to transfer the mine waste to the NRC-licensed UNC Church Rock Mill site. GE/UNC's presentation can be viewed in the Agencywide Document Access and Management System (ADAMS) Accession Number ML14023A006.

ACTION ITEMS:

NRC's project manager, Yolande Norman, will follow-up on the comment regarding the document entitled Methods for Monitoring Net Inflow Through Soil Covers of Uranium Mill Tailings Impoundments [note the correct ADAMS Accession No. ML14015A328] in the upcoming week.

ATTACHMENTS:

1. Meeting attendee list
2. Meeting Notice/Agenda (ADAMS Accession No. ML13353A718)
3. UNC's presentation (ADAMS Accession No. ML14023A006)

Enclosure

MEETING ATTENDEES

Purpose: Discussion on General Electric - United Nuclear Corporation planned approach to fulfill the requirements of the U.S. Nuclear Regulatory Commission environmental review process in preparation for a future license amendment request to dispose of mine waste from the Northeast Church Rock Mine site to the UNC Church Rock Mill site. (License No. SUA-1475, Docket No. 40-0897).

DATE: January 23, 2014

PARTICIPANT'S NAME & AFFILIATION	PARTICIPATION	CONTACT INFORMATION
General Electric – United Nuclear Corporation		
Lance Hauer (Project Manager)	Teleconference	Lance.Hauer@ge.com
Randall McAlister (Program Manager)	Teleconference	Randall.McAlister@ge.com
Consultants to GE/UNC		
David Steed (SWCA)	Teleconference	
Richmond "Toby" Leeson Fr. (MWH)	Teleconference	
Department of Energy		
Deborah Steckley (Project Manager)	Attendee	970-248-6042; Deborah.Steckley@lm.doe.gov
John Elmer (Stoller – Contractor's to DOE)	Teleconference	
Navajo Nation Department of Justice		
David Taylor (Counsel)	Teleconference	
Navajo Nation Environmental Protection Agency		
Chandra Manandhar	Teleconference	chandramanandhar@navajo-nsn.gov
Cassandra Bloedel	Teleconference	
New Mexico Environmental Department		
Earle Dixon	Teleconference	505-827-2890 Earle.Dixon@state.nm.us
Stakeholders		
Steve Wells	Teleconference	
Janet Johnson	Teleconference	
Annie Benally (Red Water Pond Community)	Teleconference	
Terry Keyanna (Red Water Pond Community)	Teleconference	

PARTICIPANT'S NAME & AFFILIATION	PARTICIPATION	CONTACT INFORMATION
Stakeholders		
Peterson Bell (Red Water Pond Community)	Teleconference	
Susan Gordon (Multicultural Alliance for a Safe Environment)	Teleconference	
Krissy Russell-Hedstrom (Skeo Solutions)	Teleconference	
Chris Shuey (Southwest Research and Information Center)	Teleconference	
Paul Robinson (Southwest Research and Information Center)	Teleconference	
Sarah Fields (Uranium Watch)	Teleconference	
U.S. NRC		
Yolande Norman (Project Manager)	Attendee	301-415-7741; Yolande.Norman@nrc.gov
James Park (Environmental Review Branch)	Attendee	301-415-6935; James.Park@nrc.gov
Ashley Waldron (Environmental Review Branch)	Attendee	301-415-6005; Ashley.Waldron@nrc.gov
Matthew Meyer (Hydrologist)	Teleconference	630-829-9876 Matthew.Meyer@nrc.gov
Lifeng Guo (Hydrologist)	Attendee	301-415-7962 Lifeng.Guo@nrc.gov
Varughese Kurian (Health Physicist)	Attendee	301-415-7246 Varughese.Kurian@nrc.gov
Lydia Chang (Branch Chief)	Attendee	301-415-8141 Lydia.Chang@nrc.gov
Hans Arlt (Performance Assessment Branch)	Attendee	301-415-5845 Hans.Arlt@nrc.gov
Joan Olmstead (Office of General Counsel)	Attendee	301-415-2859 Joan.Olmstead@nrc.gov
Tracey Stokes (Office of General Counsel)	Attendee	301-415-1064 Tracey.Stokes@nrc.gov
Sarah Achten (Licensing Assistant)	Attendee	301-415-6009 Sarah.Achten@nrc.gov
U.S. EPA – Region 9		
Sara Jacobs (Project Manager)	Attendee	415-972-3564 Jacobs.Sara@epa.gov
Cynthia Wetmore	Teleconference	415-972-3059 Wetmore.Cynthia@epa.gov
Laurie Williams (Counsel)	Teleconference	
John Hamilton	Teleconference	
U.S. EPA – Region 6		
Janet Brooks (Project Manager)	Teleconference	214-665-7598 Brooks.Janet@epa.gov