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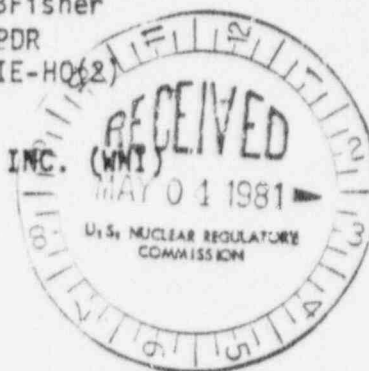
MEMORANDUM FOR: Ross A. Scarano, Chief
Uranium Recovery Licensing Branch
Division of Waste Management

THRU: Harry J. Pettengill, Section Leader
Operating Facilities Section II
Uranium Recovery Licensing Branch
Division of Waste Management

FROM: Peter J. Garcia
Uranium Recovery Licensing Branch
Division of Waste Management

All File
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SUBJECT: MINUTES FOR MEETING WITH WESTERN NUCLEAR, INC. (WNI)
AND ENERGY FUELS NUCLEAR (EFN)



Purpose:

USNRC, Silver Spring, MD
April 1, 1981

Attendees:

NRC

H. Pettengill
P. Garcia

WNI

G. Bogden
T. Kippen

EFN

M. Vincelette
E. Baker

Background:

This was a follow-up to a meeting held on January 30, 1981. At the earlier meeting, general discussions were held concerning the reclamation of the Day-Loma site. At the meeting on April 1, 1981, WNI-EFN presented for NRC review specific plans for onsite reclamation of the Day-Loma and Rox sites.

Summary:

WNI-EFN opened the meeting by presenting plans for the onsite reclamation of the Rox and Day-Loma sites. Ten copies of the report describing the plan and

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also accompanying figures were given to the NRC staff. WNI-EFN indicated that a letter officially submitting the reclamation plan would be forthcoming shortly.

The reclamation plan for the Rox ion exchange site includes breaking up the concrete pad which previously supported the ion exchange facility, placing the remnants in two onsite sumps, and covering with six to eight feet of overburden. The reclamation plan for the Day-Loma heap leach site involves grading the site to direct runoff into a natural drainage, riprapping the most downstream area of the graded channel, and covering the site with two feet of clay and four feet of overburden.

NRC indicated that, although the plans appeared acceptable, some additional information would be required concerning the Day-Loma reclamation plan. This information is as follows:

- (1) a radiological analysis of the overburden;
- (2) the methodology used in calculating the runoff volumes and velocities presented on Sheet 4 of the figures accompanying the plan;
- (3) a gradation for the riprap determined from an acceptable source (such as the Corps of Engineers' criteria).

WNI-EFN indicated they hope to begin the reclamation of the Day-Loma site by approximately May 1, 1981. This would enable material stripped in an adjacent pit to be used as overburden for reclamation without the added cost of stockpiling and then rehandling. WNI-EFN stated they would submit the information specified in (2) and (3) above within ten days. Information specified in (1) above is not as critical, and will be submitted in the near future. If approval is granted by about May 1, WNI-EFN hopes to complete the reclamation within approximately six months.

NRC informed WNI-EFN that an amendment to WNI's license would be issued in the very near future requiring cleanup of abandoned equipment at the Bullrush and Day-Loma sites by May 4, 1981.

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Ross A. Scarano

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A set of meeting minutes signed by H. Pettengill, NRC, and G. Bogden, WNI, is attached.

Original Signed by:

P. J. Garcia

Peter J. Garcia

Uranium Recovery Licensing Branch
Division of Waste Management

Approved by: Original signed by

H. Pettengill, Section Leader
Operating Facilities Section II
Uranium Recovery Licensing Branch

Attachment:
as stated

cc: G. Bogden, WNI
E. Baker, EFN

4/9/81

OFFICE	WMUR	WMUR					
SURNAME	PJGarcia:as	HJPettengill					
DATE	4/9/81	4/16/81					

Attendees
WNI-EFN-NRC Meeting
April 1, 1981

Pete J. Garcia Jr.

Terence A. Kippen

Grey Braden

MURIL D. VINCELETTE

Ed Baker

Harry Pettengill

NRC

Western Nuclear, INC.

Western Nuclear Inc

ENERGY FUELS NUCLEAR INC

Energy Fuels Nuclear, Inc

NRC

WNI-EFN-NRC Meeting
April 1, 1981

WNI-EFN presented a plan for in-place reclamation of the Rox and Day-Loma sites. Reclamation of the Rox site involves breaking up the existing concrete pad, burying the remnants in two on-site sumps, and covering with 6-8' of overburden. Reclamation of the Day-Loma site involves grading the site to direct runoff into a natural drainage, riprap of the most downstream area of the channel, and covering of the site with two feet of clay and four feet of overburden. WNI-EFN will provide the following information on the plan:

- 1.) an analysis of the overburden.
- 2.) the methodology of calculating the runoff volumes and velocities presented on Sheet 4 of the figures accompanying the plan.
- 3.) a gradation for the riprap determined from an acceptable source (such as the Corps of Engineer)

WNI-EFN hopes to begin the reclamation of the Day-Loma site by approximately May 1. This would enable material stripped in an adjacent pit to be used for reclamation without the added cost of stockpiling. WNI-EFN will submit the

information in (2) and (3) above by within
ten days. If approval is granted by
about May 1, WNI-EFN hopes to complete
reclamation within approximately six
months.

NRC informed EFN-WNI that an amendment
to WNI's license would be issued in the
very near future requiring clean up of
abandoned equipment at the Bullrush
and Day-Loma sites by May 4, 1981.

Harry Pittenger
Section Leader, NRC

Harry Buck
WNI.