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Docket File 8714
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URFO:SLW
 Docket No. 40-8714
 04008714100E

MEMORANDUM TO: Docket File No. 40-8714

FROM: Sandra L. Waster, Project Manager
 Licensing Branch 1
 Uranium Recovery Field Office, RIV

SUBJECT: MEETING MINUTES FOR THE MAY 22, 1985 MEETING BETWEEN
 NRC AND CLEVELAND CLIFFS IRON COMPANY

On May 22, 1985, a meeting was held at the Uranium Recovery Field Office between NRC, Cleveland Cliffs Iron Company (CCIC) and WDEQ. A list of attendees is attached. The purpose of the meeting was to discuss the restoration and stabilization of CCIC's Collins Draw site. At the meeting the NRC expressed the position that restoration and stability of the Collins Draw site had not been achieved and outlined the basis for the position. As a result discussions held during the meeting, the NRC and CCIC reached agreement on the resolution of NRC concerns. The list of agreements written at the end of the meeting and agreed to by all parties is attached.

Sandra L. Wastler, Project Manager
 Licensing Branch 1
 Uranium Recovery Field Office, Region IV

Approved by:

Edward F. Hawkins, Chief
 Licensing Branch 1
 Uranium Recovery Field Office, Region IV

Enclosures: As Stated

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DATE :	85/05/31 :	6/3/85 :	:	:	:	:

CLEVELAND CLIFFS/NRC
MEETING

May 22, 1985

NAME	AFFILIATION	PHONE
Sandra L. Wastler	NRC/URFO	236-2811
Kathy Muller Ogle	DEQ/LQD	777-7756
Clay Rowley	Cleveland Cliffs	(303) 625-2445
Truman E. Louderback	Cleveland Cliffs	(303) 625-2445
Gary D. Aho	Cleveland Cliffs	(303) 625-2445
Ferd J. Nowak	Getty	(213) 739-2742
E. Glen Garrett	Texas Eastern	(713) 759-5474
Wally Robison	Pioneer Nuclear	(303) 245-1390
R. Dale Smith	NRC/URFO	236-2805
Ed Hawkins	NRC/URFO	236-2805

MEETING BETWEEN NRC/URFO AND CCIC
May 22, 1985

Agreements Reached

1. NRC and CCIC will jointly sample representative wells in the well fields to establish current levels of contaminants to compare to previous data for purposes of judging stability following restoration to date. A schedule will be established today.

2. NRC will send a letter of CCIC outlining the following:

Concern over the possible existence of a "halo" of lixiviant that has been pushed outward from the well fields as a result of the method of mining and the injection of water at the end of the restoration efforts.

The need for determining the extent and level of contaminants that might be outside the existing well fields.

Establishing the current well field concentrations (assuming that the sampling above shows stability) as the basis for comparing the "halo" concentrations. If the levels of contaminants outside the well fields are equal to or less than those in the well fields, then no further action would be warranted. If concentrations outside the well fields exceed those within, then actions should be taken to reduce them to the well field levels. NRC will investigate further the use of the selenium concentrations in the well field as an acceptable basis.

3. CCIC, upon receiving the NRC letter, will propose to NRC a plan for dealing with the NRC concerns. The NRC will make its staff and reports available to CCIC prior to the submittal of the plan.

4. If the results of the sampling indicate further treatment is necessary, and ground-water sweep is determined to be the appropriate method, the following shall be judged as acceptable:

After pumping at least two pore volumes, if the concentrations have dropped to a stable level and are equal to or below well field concentrations, then no further pumping would be required.