

SEQUOYAH FUELS CORPORATION

P.O. BOX 610 • GORE, OKLAHOMA 74435

January 21, 1986

Mr. R. Dale Smith
U.S. Nuclear Regulatory Commission
Uranium Recovery Field Office
P. O. Box 25325
Denver, Colorado 80225



Subject: Procedure for Inspecting
SFC UF₆ Filling Scale(s)

Dear Mr. Smith:

The proposed procedure for inspecting the south UF₆ filling scale at the Sequoyah Fuels Facility at Gore, Oklahoma is attached. We are proposing that the work be done, under your surveillance, by the Oklahoma Scale Company, Sand Springs, Oklahoma and a technical representative from Howe-Richardson, the scale manufacturer.

Credentials for Howe's representative and the Oklahoma Scale Company's technicians are being mailed to us and we will forward copies to you by Telex as soon as they are received. I presume you will want to provide the photographer. We will not schedule the work until you are satisfied with the credentials; however we want to proceed as soon as possible and suggest you provide us with the earliest date convenient for you.

Your early review and approval of the procedures will be appreciated. We, of course, are prepared to incorporate any modifications you feel should be made.

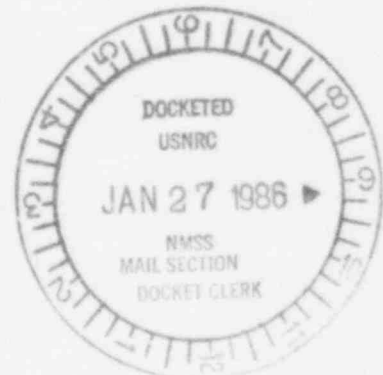
Sincerely,

A handwritten signature in cursive script that reads "W. L. Utnage".

W. L. Utnage, Manager
Sequoyah Facility

WLU:dd

8602050060 860121
PDR ADOCK 04008027
C PDR



cc: Mr. W. T. Crow, Acting Chief
Mr. R. L. Bangart, Director, Div. of Radiation
Safety and Safeguards

Attachments

26357

Procedure for Inspection of the South UF₆ Filling Scale

This procedure is to be implemented and work performed only when it can be witnessed in its entirety by an NRC observer designated by Mr. Dale Smith of the NRC and SFC observers designated by SFC management.

Examination of the scale is to be made only by technicians certified by the State of Oklahoma to perform work on scales of the type installed at SFC for filling UF₆ cylinders, and under the supervision of a qualified technical representative of the Howe Scale Company, manufacturer of the scale used by SFC. Both the Howe representative and scale technicians must be acceptable to NRC and SFC prior to beginning work at the facility site. A photographer will be present to document each critical step as directed by NRC and/or SFC.

Scope of Work

The south UF₆ filling scale located at SFC's Sequoyah Facility shall be carefully disassembled by certified scale technicians to determine whether physical conditions exist or scale components have failed or have become worn, any of which might be the cause for inaccurate weighings or failure of the indicator needle to register accurate weighings within the limits of accuracy designed into the scale. Such wear, failure or malfunctions shall be recorded and reported to SFC and the NRC.

Upon completion of the inspection the scale shall be restored to operating condition and the worn or damaged parts returned to SFC for further testing.

A final report, indicating and evaluating findings shall be prepared for SFC and the NRC by the scale repair company selected to perform the work.

Detailed Inspection Sequence

1. SFC shall survey and decontaminate as required the area immediately around the south UF₆ scale and scale platform.
2. SFC shall remove the scale cart and empty UF₆ cylinder from the scale platform.
3. SFC shall survey and decontaminate as required the UF₆ accountability scale room and test weigh cylinders; test weights shall be checked on the accountability scale.
4. The certified technicians shall review the initial condition of the scale and check the existing calibration using test weights and other appropriate tools or devices.

5. Remove grating and establish access to the scale pit.
6. Perform visual inspection from the floor level.
7. Inspect the scale pit for contamination, trash, broken parts, foreign objects, etc.
8. Thoroughly inspect the scale mechanisms for broken, bent, worn, or defective parts.
9. Inspect balance beam and indicator mechanism.
10. Determine indicator upper limit and or location of stop pin at upper end of scale read out.
11. Inspect for smoothness of operation of all mechanisms and the possibility of the indicator pin "sticking" at any specific indicator location.
12. Test the scale using test cylinders previously checked and provided for the inspection.
13. Thoroughly decontaminate the scale pit and associated mechanisms.
14. Re-assemble all equipment disassembled during inspection, replacing all worn or damaged parts. Save damaged or worn parts for further evaluation by SFC and NRC.
15. Calibrate and test reassembled scale.
16. Provide NRC and SFC with a verbal summary of findings and an opinion as to the likelihood of scale failure in its initial condition.
17. Within 5 days of inspection, the Howe Scale Company specialist and the company selected to provide certified technicians will submit their official findings to SFC and NRC.

Contingency Follow-On Plans

In the event, significant wear, mechanical damage and other conditions are found which raise questions about the suitability of the scale for use, SFC and/or NRC may direct the disassembly and inspection of the north UF₆ filling scale.

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FCUF ☒ PDR ☒
FCAF ☐ LPDR ☒
WM ☐ I&E REF. ☒
WMUR ☐ SAFEGUARDS ☐
SCUC ☐ OTHER ☐

DESCRIPTION:

procedure for
inspecting F₂
UF6 Filling Scale(s)

01/29/86 INITIAL CRC