

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee		
1. Whittaker Corporation	3. License Number	SMA-1018 Amendment No. 5
2. 10880 Wilshire Boulevard Los Angeles, California 90024-9990	4. Expiration Date	September 30, 1993
	5. Docket or Reference No.	040-07455
6. Byproduct, Source, and/or Special Nuclear Material	7. Chemical and/or Physical Form	8. Maximum Amount that Licensee May Possess at Any One Time Under This License
A. Uranium and Thorium	A. Any	A. Contaminated materials present at site as of June 1, 1985
9. Authorized Use: Possession for storage only and actions effecting the ultimate disposition of the source materials present.		
10. Authorized Place of Use: The site in Greenville, Pennsylvania, designated as "Whittaker Corporation," shown by the plat submitted by letter dated May 10, 1985.		
11. The licensee shall conduct on an annual basis, a monitoring program that consists of the following:		
a. Sampling of groundwater from monitoring wells present in the slag area and analysis for gross alpha and beta activity. If gross alpha exceeds 15/pCi/l or gross beta exceeds 50/pCi/l, an isotopic analysis on the sample shall be conducted.		
b. Measurement of direct radiation levels at 1 meter above the ground at all boundaries of the site.		
12. The licensee shall conduct on a semiannual basis a monitoring program that consists of a visual inspection of the site for erosion. If during this inspection there are significant signs of site erosion, the licensee shall sample the Shenango River (surface water and sediment) at points upstream, adjacent to, and downstream of the site, with analysis for gross alpha and beta activity.		
13. All personnel who collect samples, perform surveys, or perform other radiological protection functions will have experience which meets or exceeds the ANSI 3.1 qualification standards.		

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14. Messrs. Dwight Vann, Richard Dubiel, David R. Karr, and Charles G. Fuller, are the Radiation Safety Officers for the activities performed under this License. Either Mr. Vann, Dubiel, Karr, or Fuller will be onsite during all entries to the restricted area. NRC shall be notified if Mr. Vann, Dubiel, Karr, or Fuller are to be replaced.
15. Occupational air samples shall be collected, at locations which are representative of the airborne radioactivity inhaled by the workers, during all entries to restricted areas. The sample collection period shall not exceed 12 hours.
16. If any occupational air sample result exceeds 25 percent of the concentrations listed in 10 CFR 20, Appendix B, Table 1, Column 3, NRC shall be notified within 14 days after the result is reported.
17. Environmental air samples shall be collected, upwind and downwind of the restricted area, during all entries to the restricted area. The sample collection period shall be sufficient to result in an MDA that is less than the 10 CFR 20, Appendix B, Table 2, Column 1 limits.
18. If any environmental air sample result exceeds the concentrations listed in 10 CFR 20, Appendix B, Table 2, Column 1, NRC shall be notified within 14 days after the result is reported.
19. All personnel entering the restricted area shall wear a personnel dosimeter. The personnel dosimeters shall be exchanged at least monthly.
20. No motorized construction equipment shall be used in the restricted area.
21. No drilling shall be performed in the restricted area.
22. No equipment or material may be removed from the restricted area, other than that brought into the restricted area to perform the activities authorized by this Amendment. All equipment and material brought into the restricted area to perform the activities authorized by this Amendment, and subsequently removed, shall meet the contamination limits in "Guidelines for Decontamination of Facilities and Equipment Prior to the Release for Unrestricted Use or Termination of Licenses for Byproduct, Source, or Special Nuclear Material," dated August 1987.
23. The licensee shall notify NRC when the activities authorized by this amendment are completed. After this notification, if the licensee deems additional action necessary, NRC approval is required before the licensee may resume the activities authorized by this Amendment.
24. The licensee's schedule for submittal of the Characterization Report shall be as follows:
 - a. Submit Characterization Report to NRC 5-15-93

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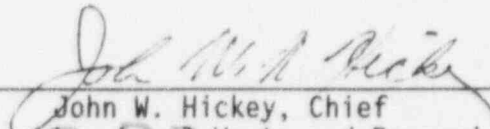
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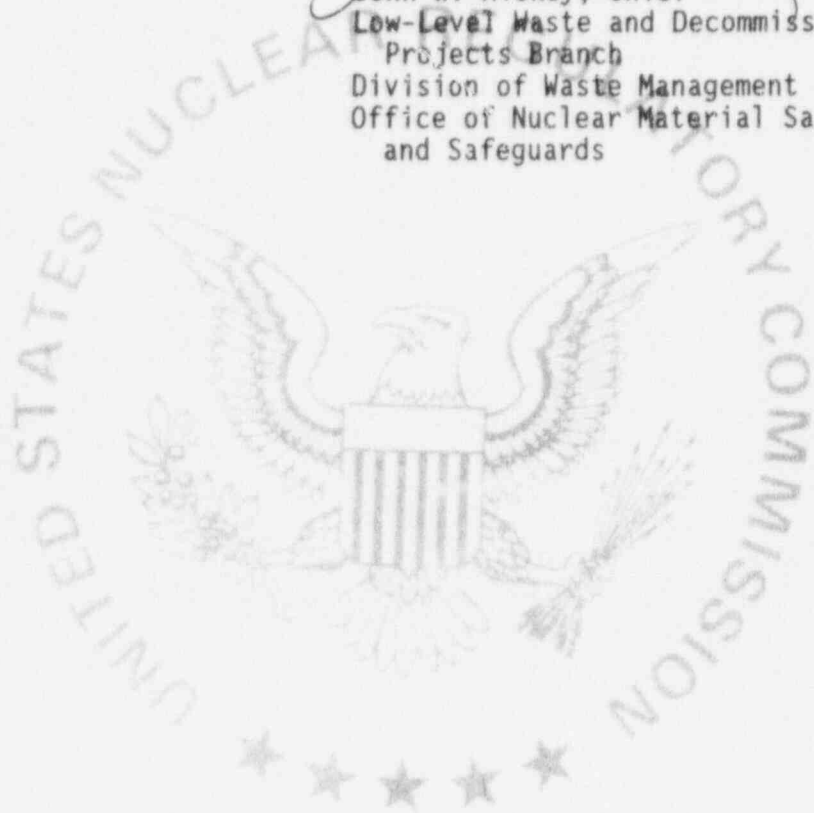
- b. Thirty days after receipt of NRC comments submit an amendment to this license to incorporate a deadline for submitting the Decommissioning Plan.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

DATE: November 22, 1996

BY:


John W. Hickey, Chief
Low-Level Waste and Decommissioning
Projects Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards



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- b. Thirty days after receipt of NRC comments submit an amendment to this license to incorporate a deadline for submitting the Decommissioning Plan.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

DATE: November 22, 1996BY: [Original signed by]

John W. Hickey, Chief
 Low-Level Waste and Decommissioning
 Projects Branch
 Division of Waste Management
 Office of Nuclear Material Safety
 and Safeguards

TICKET:

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*See Previous Concurrence

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DATE	/ /96		/ /96		/ /96		11/24/96		11/19/96		11/22/96

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ACNW: YES ☐ NO ☐IG : YES ☐ NO ☐LSS : YES ☐ NO ☐Delete file after distribution: Yes ☐ No ☐