

OAK RIDGE R2A2 MAPPING

Organization: Nuclear Fuel Security and Uranium Technology

<i>Roles & Responsibilities</i> (per ORO Manual 110)
<ul style="list-style-type: none"> ❖ Manage projects/program to safely, effectively and efficiently retrieve/consolidate/disposition excess reusable uranium materials. These activities include: <ul style="list-style-type: none"> ➤ Managing budget, scope and schedule; ➤ Determining transportation and storage requirements; ➤ Managing acceptance and continued storage policy; ➤ Ensuring safety evaluations are completed; ➤ Implementing requirements for NEPA Document Manager; and ➤ Developing and implementing re-use strategies for uranium materials. ❖ Lease/return or uranium materials, including management of interagency agreements under the DOE loan/lease program ❖ Sale of Uranium Materials ❖ Implementation of the DOE Integrated Nuclear Materials Management Plan (INMMP) for uranium materials stewardship within ORO

What Does this organization do for the department?
Is it in *direct or indirect* support of Departmental missions?

<i>Accountabilities</i> (Internal and External)
<ul style="list-style-type: none"> ❖ DOE HQ/NE, EM ❖ ORO Manager ❖ Ohio EPA and Stakeholders ❖ PORTS Site Office ❖ DOE sites with excess uranium ❖ Universities and other agencies under DOE's loan/lease program ❖ DOE HQ/NE, SO, and EM ❖ Homeland Security ❖ Universities and other agencies under DOE's loan/lease program ❖ DOE HQ/NE, EM ❖ ORO Manager ❖ Ohio EPA and stakeholders ❖ PORTS Site Office ❖ Other DOE sites with excess uranium ❖ Congress ❖ DNFSB ❖ Secretary of Energy ❖ Public

To whom is this organization accountable to?
How is accountability assured? External Review

<i>Authorities Delegated</i>	
<i>Type</i>	<i>From</i>
<ul style="list-style-type: none"> ❖ UMG Charter ❖ NEPA decisions ❖ Chapter 4 of the AEA of 1954 (42 USC Section 2051) ❖ Material leasing authority ❖ Interagency and/or loan lease agreements ❖ Sales authority ❖ Secretarial Determinations ❖ USEC Privatization Act ❖ 6/30/00 INMMP 	<ul style="list-style-type: none"> ❖ 7/1/99 memo from ASEM ❖ 8/25/00 memo from ORO Manager ❖ ORO NEPA Compliance Officer ❖ Congress ❖ Nov. 29, 1967 FRN ❖ ORO Procurement and Contracts, ❖ Secretary of Energy ❖ Congress ❖ Secretary of Energy

What authorities are vested in the organization that allows these responsibilities to be carried out?
Appraisal?

TYPES of DELEGATIONS:
Letter from DOE/HQ (i.e., Secretary, Deputy Secretary, Assistant Secretary, etc.)
Federal Law (29CFR1910, 10CFR830, etc.)
DOE Directives (i.e., DOE Order 521.1A)
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<i>Roles & Responsibilities</i> (per ORO Manual 110)
<ul style="list-style-type: none"> ❖ Management of nuclear materials for Oak Ridge Operations ❖ Implements the transfer of uranium inventories to USEC and the control and disposition of inventories not transferred to USEC ❖ Verification of USEC retention of PGDP operational capabilities. Activities include: <ul style="list-style-type: none"> ➤ Managing budget, scope and schedule; ➤ Ensuring plant and operational data is collected; ➤ Inspection of plant operational facility conditions, and maintenance programs; and ➤ Performing and documenting analysis to determine PGDP capabilities. ❖ Maintenance of fuel cycle security via activities such as: <ul style="list-style-type: none"> ➤ Establishing lease agreement with Work Smart Standards (WSS); ➤ Centrifuge Technical and Programmatic Oversight; ➤ Centrifuge Demonstration program monitoring; and ➤ Implementing requirements for NEPA Document Manager.

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<i>Accountabilities</i> (Internal and External)
<ul style="list-style-type: none"> ❖ DOE HQ/SC, EM, NE, SO,DP ❖ ORO Manager ❖ ORO Contractors ❖ DOE HQ/NE ❖ USEC ❖ DOE HQ/NE ❖ DOE HQ/NE ❖ Tennessee EPA ❖ US EPA ❖ ETTP Stakeholders

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How is accountability assured? External Review

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<i>Type</i>	<i>From</i>
<ul style="list-style-type: none"> ❖ DOE Order 5660.1B ❖ ORO Supplement 410.0, chapter 2 ❖ 2/6/01 Secretarial Memorandum re Nuclear Material Inventory Reporting ❖ Memorandum of Agreement ❖ DOE/USEC Agreement dated 6/17/02 ❖ DOE/USEC Agreement dated 6/17/02 	<ul style="list-style-type: none"> ❖ DOE HQ ❖ ORO ❖ Secretary of Energy ❖ DOE HQ/NE ❖ DOE HQ/NE ❖ DOE HQ/NE

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<ul style="list-style-type: none"> ❖ Oversight of USEC Tc Removal program at PORTS ❖ Administration of the lease and supporting Memorandum of Agreement between DOE and USEC. Activities include: <ul style="list-style-type: none"> ➤ Establishing and maintaining configuration control of leases; ➤ Coordinating lease/de-lease activities with USEC/DOE site offices ; ➤ Maintaining NRC interface for leased space; and ➤ Planning and coordinating with NRC/USEC emergency exercises. ❖ Execution of the Regulatory Oversight Agreement between DOE and USEC. These activities include: <ul style="list-style-type: none"> ➤ Ensuring safeguards and security requirements are met; ➤ Approving Arming and Arrest authority; ➤ Performing compliance plan maintenance; and ➤ Submitting the annual report to Congress via the Nuclear Regulatory Commission (NRC). ❖ Support DOE HQ monitoring activities for the Russian HEU Transparency Agreement including inspection of Russian facilities, support of PAD and PORTS facilities and point of contact for NNSA

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<i>Accountabilities</i> (Internal and External)
<ul style="list-style-type: none"> ❖ DOE HQ/NE ❖ DOE HQ/NE ❖ DOE HQ/NE ❖ DOE HQ/NNSA

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<i>Authorities Delegated</i>	
<i>Type</i>	<i>From</i>
<ul style="list-style-type: none"> ❖ DOE/USEC Agreement dated 6/17/02 ❖ 1993 DOE/USEC lease of Paducah and Portsmouth ❖ 1993 DOE/USEC lease of Paducah and Portsmouth ❖ Public Law 105-245 Section 310 ❖ HEU International Agreement between US and Russia 	<ul style="list-style-type: none"> ❖ DOE HQ/NE ❖ Secretary of Energy ❖ Secretary of Energy ❖ DOE HQ/NNSA

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❖ Coordinator for ORO Value Engineering studies
❖ Maintains HEU standards in the form of UF6
❖ Contract Administration. Activities include: <ul style="list-style-type: none"> ➤ Ensuring that DOE Directives, Integrated Safety Management (ISMS), WSS, and other Federal and state regulations are complied with by all DOE contractors; ➤ Obtaining security clearances and plant access for contractor personnel; and ➤ Recommending approval or disapproval of contract changes or claims for assigned contracts.
❖ Support of Homeland Defense
❖ Prepares authorization basis document reviews and safety evaluation reports
❖ Work for Others – lawsuit support and DOJ interface
❖ Provide technical and management support to DOE HQ/NE programs

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<i>Accountabilities</i> (Internal and External)
❖ ORO Manager
❖ New Brunswick Lab
❖ ORO Procurement and Contracts Contracting Officers
❖ ORO ESH&EM
❖ AL Operations Office
❖ DOE HQ/NE
❖ DOJ
❖ ORO Manager
❖ ORO Chief Counsel
❖ DOE HQ/NE
❖ ORO Manager

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❖ LCAM	❖ DOE HQ
❖ OMB Circular No. A-131	❖ Congress
❖ Public Law 104-106, Section 36	
❖ Implied	❖ DOE HQ/NN
❖ COR Assignment Memos	❖ Procurement and Contracts Division
❖ ORO Directives	
❖ DOE Order P450.4	
❖ DOE Order P450.3	
❖ ORO Order O 250	
❖ Implied	❖ AL Operations Office
❖ Letter	❖ DOE HQ/NE
❖ Implied	❖ ORO Manager
❖ Implied or FTE assignment	❖ DOE HQ/NE

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