



Public Involvement News

U.S. Department of Energy • Oak Ridge Office

May 2009

Announcements

Title V Air Permit for Building 3019 at ORNL

DOE's Oak Ridge Office and Isotek, LLC have applied to the Tennessee Air Pollution Control Division (TAPCD) for a major source operating permit subject to the provisions of paragraph 1200-3-9-.02(11) of the Tennessee Air Pollution Control Regulations (also frequently referred to as Title V regulations) for Building 3019 at the Oak Ridge National Laboratory (ORNL). A major source (Title V) operating permit is required by both the Federal Clean Air Act and the Tennessee Air Pollution Control Regulations. Building 3019 has a site address of One Bethel Valley Road on the campus of the ORNL. A copy of the application materials used by the TAPCD and a copy of the draft permit are available for public inspection during normal business hours at the DOE Information Center, the Oak Ridge Public Library and the TAPCD in Nashville. A copy of the draft permit is available electronically by accessing the TDEC Internet site located at: www.tdec.net/apc/ppo/.

Interested parties are invited to review these materials and comment. In addition, a public hearing may be requested at which written or oral presentations may be made.

To be considered, written comments or requests for a public hearing must be made by **May 6**. Comments should be addressed to Mr. Barry R. Stephens, P.E., Director, Air Pollution Control Division, 9th Floor, L & C Annex, 401 Church Street, Nashville, Tennessee 37243-1531.

Contact: *Jabari Martin, TDEC, (615) 532-0554*

2009 Valley Corridor Summit Scheduled

The 2009 Tennessee Valley Corridor National Summit will be held on **May 27 and 28** at the New Hope Center at the Y-12 National Security Complex in Oak Ridge. Mark your calendar. More information will be posted on the web at www.tennvalleycorridor.org as it becomes available.

Contact: *Tennessee Valley Corridor, (865) 483-8850 or info@tennvalleycorridor.org*

Energy Frontier Research Centers Announced

The White House announced on April 27, 2009, that the DOE's Office of Science will invest \$777 million in Energy Frontier Research Centers (EFRCs) over the next five years.

In a major effort to accelerate the scientific breakthroughs needed to build a new 21st-century energy economy, 46 new multi-million-dollar EFRCs will be established at universities, national laboratories, nonprofit organizations, and private firms across the nation. Oak Ridge National Laboratory will be home to two EFRC projects, which include the Fluid Interface Reactions, Structures, and Transport (FIRST) Center and the Energy Frontier Center for Defect Physics in Structural Materials.

Supported in part by funds made available under President Obama's American Recovery and Reinvestment Act, the EFRCs will bring together groups of leading scientists to address fundamental issues in fields ranging from solar energy and electricity storage to materials sciences, biofuels, advanced nuclear systems, and carbon capture and sequestration. For more information about the DOE Office of Science Energy Frontier Research Centers, visit www.sc.doe.gov.

Contact: *Walter Perry, (865) 576-0885*

American Recovery and Reinvestment Act

As a result of the American Recovery and Reinvestment Act (ARRA) signed into law by President Barack Obama on February 16, 2009, Oak Ridge has received the following funds through the Department of Energy:

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Public Meeting

Oak Ridge Site Specific Advisory Board

The Oak Ridge Site Specific Advisory Board (ORSSAB) will meet at 6 p.m., Wednesday, **May 13**, at the DOE Information Center. The meeting will feature a briefing on details of American Reinvestment and Recovery Act funded DOE-Oak Ridge Environmental Management projects, including the specific scopes of work.

Contact: *Pat Halsey, (865) 576-4025*

ORSSAB Support Office: *(865) 241-4583 or 241-4584*

Internet: *www.oakridge.doe.gov/em/ssab/*



CERCLA Administrative Record

New CERCLA Documents Available at the DOE Information Center —March/April 2009

Phased Construction Completion Report for Excess Materials Removal of the Building K-25/K-27 Decontamination and Decommissioning Project at the East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2392&D1)

Waste Handling Plan, Part 1 for Scrap Metal at the Y-12 Old Salvage Yard at the Y-12 National Security Complex, Oak Ridge, Tennessee (DOE/OR/01-2385&D2)

Environmental Management Waste Management Facility 2009 Capacity Assurance Remedial Action Report (DOE/OR/01-2403&D1)

Fiscal Year 2009 Phased Construction Completion Report for EU Z2-36 in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2399&D1)

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Recovery Act Spending in Oak Ridge

Science	\$141,000,000
Environmental Management	\$755,000,000
Energy Efficiency and Renewable Energy	\$26,000,000
Work For Others-ORO	\$71,000,000
Total	\$993,000,000

In April's *Public Involvement News*, an announcement was included about the Office of Science's funding in Oak Ridge under the ARRA. Highlighted this month is the \$755 million received under the ARRA for environmental cleanup projects across the Oak Ridge Reservation. ARRA funds will be allocated to new cleanup projects at the East Tennessee Technology Park (ETTP), the Oak Ridge National Laboratory (ORNL), the Y-12 National Security Complex, and the existing cleanup operation at the Transuranic Waste Processing Center (TWPC) in Oak Ridge. The Oak Ridge Office acquisition strategy includes the combination of using existing contracts with Bechtel Jacobs Company, UT-Battelle, B&W Y-12, and EnergX, which will have subcontracting opportunities; Indefinite Delivery/Indefinite Quantity task orders; and new set aside prime awards, if needed. In accordance with the Recovery Act, contractors shall, to the maximum extent possible, give

a preference to small business in the award of subcontracts. Employment may total up to 1,500 people for the following projects, which are planned for completion by the end of 2011.

Oak Ridge National Laboratory

This investment proposal will demolish surplus contaminated facilities and remediate contaminated soil at ORNL. This work will:

- Complete demolition and disposition of Buildings 3026 C&D (~20,000 square feet) wooden superstructure and hot cells and demolition preparations of Building 3038 (~8,000 square feet) at Bethel Valley Isotope Facilities.
- Complete legacy material removal and disposition from 4 buildings (~30,000 square feet) in the ORNL Central Campus and Building 2026 Complex (~28,000 square feet).
- Complete demolition and disposition of surplus facilities at ORNL in order to release valuable real estate for redevelopment for science and technology research. Demolitions will include buildings within the 2000 Complex (~55,000 square feet), the General Maintenance Facilities Complex (~46,000 square feet), and the Southeast Lab Complex (~24,000 square feet).

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- Complete high priority environmental cleanup projects, including Bethel Valley Burial Grounds (7 acres) and Bethel Valley Groundwater Early Actions (to include Melton Valley Monitoring Wells).
- Complete demolition and disposition of surplus facilities (~35,000 square feet) in the ORNL Small Facilities project.
- Complete removal action at the Tank W1A project (also known as Corehole 8).

Y-12 National Security Complex

ARRA funding will render the highest risk facility at the Y-12 National Security Complex (Alpha-5) ready for decontamination & decommissioning (D&D) by removing all legacy material; remediate the most significant source of mercury contamination to surface water at Y-12; and demolish five dilapidated, contaminated buildings. This work will:

- Prepare the highest risk facility at Y-12 (Alpha-5) for accelerated D&D by completing all legacy material disposition (estimated at 1.1 million cubic feet) from approximately 613,000 square feet of floor space.
- Eliminate the most significant source of off-site mercury transport, and the greatest environmental concern at Y-12, by completing remediation of the Y-12 storm sewers in the West End Mercury Area (WEMA).
- Complete cleanup of the Y-12 Salvage Yard (7 acres) by removing over 31,000 cubic yards of scrap material.
- Complete removal of legacy material from the entire second floor of Y-12's Beta-4 building (84,000 square feet).
- Complete cleanup and demolition of contaminated surplus facilities totaling 150,000 square feet, including Building 9211, Building 9769, Building 9220, Building 9224, and Building 9735.
- Complete cleanup and demolition of the contaminated surplus Filter House for Building 9206, eliminating a criticality and Defense Nuclear Facilities Safety Board concern.
- Complete expansion of sanitary landfill for disposal of debris and other materials.
- Expand Environmental Management Waste Management Facility by 500,000 cubic yards to accept more demolition waste.

East Tennessee Technology Park

This investment proposal will prepare for demolition a large surplus nuclear facility at the East Tennessee Technology Park, a former uranium enrichment facility. This work will:

- Complete preparation for demolition of the K-27 Gaseous Diffusion Building (383,000 square feet) by the end of Fiscal Year 2011, including non-destructive assay of diffusion equipment and piping, High Risk Equipment removal, foaming of equipment and piping, and the declaration of criticality incredibility.

Transuranic Waste Processing Center

This investment proposal will accelerate remote-handled (RH) and contact-handled (CH) Transuranic (TRU) waste treatment on the Oak Ridge Reservation, enabling this waste to be shipped to DOE's Waste Isolation Pilot Plant near Carlsbad, New Mexico for ultimate disposition one year earlier. The facility is currently operating a single CH and RH processing shift. The proposal takes TWPC from the single CH and RH operating shift to multiple CH and RH operating shifts over an extended work week by July 2009. This work will:

- Process 400 cubic meters of additional CH Debris by September 30, 2011, completing CH TRU Debris processing for the current inventory.
- Process 200 cubic meters of additional RH Debris waste by May 31, 2011, completing RH Debris processing for the current inventory.

Accountability

DOE will closely monitor how the ARRA funds are used, and the progress will be reported regularly so taxpayers are fully aware that the funds are being used responsibly. Taxpayers can easily watch how the Oak Ridge Office and other agencies across the government are spending the ARRA money on the Web site www.Recovery.gov. Additional information is also available at www.energy.gov/recovery.

Contact: ORO Office of Public Affairs, (865) 576-0885



If you have any comments or questions about this publication, please contact Walter Perry of DOE Public Affairs at (865) 576-0885.

If you are moving, receiving duplicate mailings, or would like to be removed from this mailing list, please call 1-800-382-6938, option 2 (or 576-4006 in Oak Ridge).

NEPA Actions

Environmental Assessment for the Proposed Uranium-233 Project Operational Changes and Facility Modifications at the Oak Ridge National Laboratory, Oak Ridge, Tennessee: DOE is preparing an Environmental Assessment (EA) (DOE/EA-1651) under NEPA that evaluates environmental impacts of several proposed operational changes and facility modifications which were not analyzed in the March 2007 EA for the U-233 Stabilization and Building 3019 Shutdown Project (DOE/EA-1574). The proposed changes are needed to address environmental impacts associated with construction and operation of a replacement for the 3020 Stack, provide additional space exterior to Building 3019A for drying and packaging operations, and transportation and disposal of processed U-233 material to eliminate the need for long-term storage of the material on-site. Based on the analysis in the EA, DOE will either prepare a Finding of No Significant Impact and proceed with the action or prepare an Environmental Impact Statement if the EA reveals the potential for significant environmental impacts.

Environmental Assessment (EA) for the Transfer of Land and Facilities in the Northwestern Portion of the Oak Ridge Reservation, Oak Ridge, Tennessee (DOE/

EA-1640): An EA Determination has been made for the proposed transfer of land and facilities located in the northwestern portion of the Oak Ridge Reservation for mixed (recreational, retail, and industrial) land use. Based on the analysis in the EA, DOE will either prepare a Finding of No Significant Impact and proceed with the action or prepare an Environmental Impact Statement if the EA reveals the potential for significant environmental impacts.

Environmental Assessment for the Disposition of Radioactively Contaminated Nickel Located at the East Tennessee Technology Park, Oak Ridge, Tennessee, and the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, for Controlled Radiological Applications (DOE/EA-1599): The comment period on the Draft EA ended on August 15, 2008, and comments received are being evaluated.

NPS Special Resource Study on the Preservation and Interpretation of Historic Sites Associated with the Manhattan Project: Requests for further information should be directed to Carla McConnell, telephone (303) 969-2287. More information can be found on the NPS planning Web site (<http://parkplanning.nps.gov>).

U.S. Department of Energy
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