



FUSRAP

Jersey City, New Jersey, Site

This fact sheet provides information about the Jersey City, New Jersey, Site. This site is managed by the U.S. Department of Energy Office of Legacy Management under the Formerly Utilized Sites Remedial Action Program.

Site Description and History

The Jersey City, New Jersey, Site (formerly known as the Kellex/Pierpont site and as the Kellex Laboratory site) is located at the intersection of New Jersey Route 440 and Kellogg Street. The approximately 43-acre site was used for research, and more than 20 buildings contained radioactive materials. The Kellex Corporation (Kellex), operated the site between 1943 and 1952. One of the buildings was decontaminated and demolished in 1953, leaving only the concrete pad, and all the original buildings have since been demolished as well.

A shopping center was constructed in the central portion of the site, and a supermarket is located near the south end of the property. The remainder of the various parcels that make up the site are privately owned and used for commercial or residential purposes.

Kellex played a major role in the Manhattan Project, as it designed and constructed the first gaseous diffusion uranium enrichment plant under a 1942 Manhattan Engineer District (MED) contract. Work for the MED and its successor agency, the U.S. Atomic Energy Commission (AEC), continued until 1953 and included research and development of fuel reprocessing and component testing with uranium hexafluoride as well as development and use of uranium processing and recovery techniques. This and other work resulted in elevated radioactivity in a few isolated and well-defined areas on or near the Kellex Laboratory and in several spotty areas in the northern and western portions of the site.

The initial remedial action at the Jersey City site began in July 1979 and was completed in January 1980. This effort was devoted to the decontamination of three small land areas on the portion of the site known as the Delco-Levco



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Location of the Jersey City, New Jersey, Site

property, which was being developed into a shopping area. Approximately 1,000 55-gallon drums of slightly radioactive soil and debris were removed and shipped to Barnwell, South Carolina, for disposal. The U.S. Department of Energy (DOE) completed remedial action in 1981 with the removal of the remaining contaminated soil and debris from the site. A total of 273 cubic yards of low-level radioactive waste was shipped to and disposed of at Barnwell. Remediation of the Jersey City site was performed under the Formerly Utilized Sites Remedial Action Program (FUSRAP).

Regulatory Setting

AEC, a predecessor agency to DOE, established FUSRAP in March 1974 to evaluate radioactive contamination at sites where work was performed to develop the nation's nuclear weapons and early atomic energy program. After reviewing records and radiological surveys for more than 600 sites connected with the nuclear weapons program, DOE identified 46 sites that required cleanup, including the Jersey City site. Congress transferred responsibility for FUSRAP site characterization and remediation to the U.S. Army Corps of Engineers in 1997. DOE retains responsibility for long-term surveillance and maintenance of remediated FUSRAP sites.

The Jersey City site was remediated to site-specific criteria concurred by the State of New Jersey. The DOE Statement of Certification for the Jersey City site is dated September 13, 1983.

In fiscal year 2004, DOE transferred responsibility for the Jersey City site from the DOE Office of Environmental Management to the DOE Office of Legacy Management (LM).

Current Site Conditions

Post-remedial-action survey data indicate that the radiological condition of the Jersey City site is in compliance with applicable DOE standards and guidelines for cleanup of residual radioactive contamination. An independent verification survey conducted after the completion of remedial action detected no residual radioactivity at the site that exceeded current guidelines. Therefore, DOE released the site for unrestricted use.

Legacy Management Activities

No monitoring, maintenance, or site inspections are required for the Jersey City site. LM's responsibilities consist of managing site records and responding to stakeholder inquiries.

Contacts

In case of an emergency at the site, contact 911.

Documents related to FUSRAP activities at the Jersey City site are available on the LM website at http://www.lm.doe.gov/jersey_city/Sites.aspx.

For other information on site history or current long-term stewardship activities, please contact us at:

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(970) 248-6070 (monitored continuously), or
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