



Worker Health Protection Program



Overview of Medical Screening Program and Early Lung Cancer Detection (ELCD)

**Energy Workers' Compensation Program Webinar
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City University of New York**

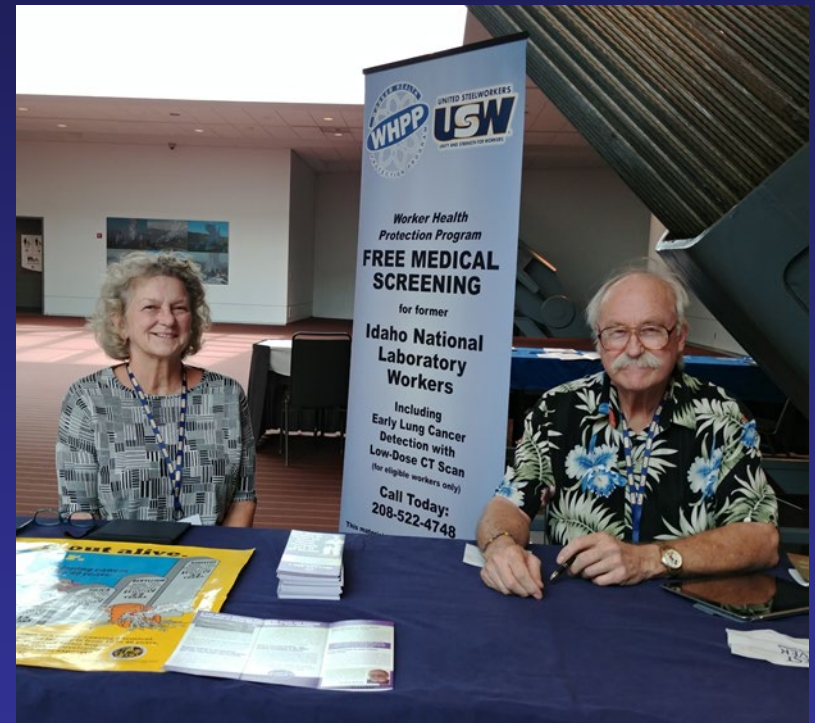
Worker Health Protection Program Overview – Who We Are

- WHPP is implemented by physicians and support staff with extensive occupational health experience at Queens College of the City University of New York.
- WHPP partners with:
 - 1) Medical clinics located within DOE communities serviced;
 - 2) United Steelworkers (USW);
 - 3) Atomic Trades and Labor Council (ATLC).



Worker Health Protection Program Overview – Who We Are (continued)

- WHPP is funded by the DOE, with independent medical evaluations conducted by a team of Queens College physicians, since 1999.
- WHPP has local “outreach coordinators” (usually former workers) present in each of our DOE communities. Outreach coordinators assist with providing: program outreach; enrollment assistance; EEOICP and State claims guidance; and other participant inquiries.



Worker Health Protection Program

Overview- What We Do

- Provide no-cost evaluations by occupational health focused physicians to assess for health effects related to radiation, asbestos, beryllium, noise, solvents, and other chemical exposures common past and present across DOE complex.
- Exams include tests and interpretations that General Practitioners are unlikely to perform, including: chest x-ray (with b-read), beryllium sensitivity test, breathing test, and audiogram.
- Detailed blood work and general health physicals are also provided. Exams also include non-occupational components, such as a screen for diabetes, high cholesterol and hypertension. (Although WHPP medical screening does not replace annual primary care physicals)

Worker Health Protection Program Overview- What We Do (Continued)

- Offer and encourage repeat examinations once every three years, due to potential latency of occupational illness.



- Low-dose CT scan for the early detection of lung cancer is also offered for a subset of high-risk participants, on an annual basis.

Worker Health Protection Program Overview – What We Do (continued)

- Team of Queens College physicians review medical results and write detailed results letters that are sent to participants and within 8-10 weeks.
- Results letters include:
 - Recommendations about medical follow-up and compensation, including the Energy Employees Occupational Illness Compensation Program (EEOICP).
 - General health advice, including recommendations for other cancer screening and smoking cessation.
- Participants with urgent abnormal results are contacted as soon as possible by phone or priority mail.
- Medical results are confidential and never shared with the DOE or any unauthorized entity.
- We provide extra copies of exams with medical releases upon request.

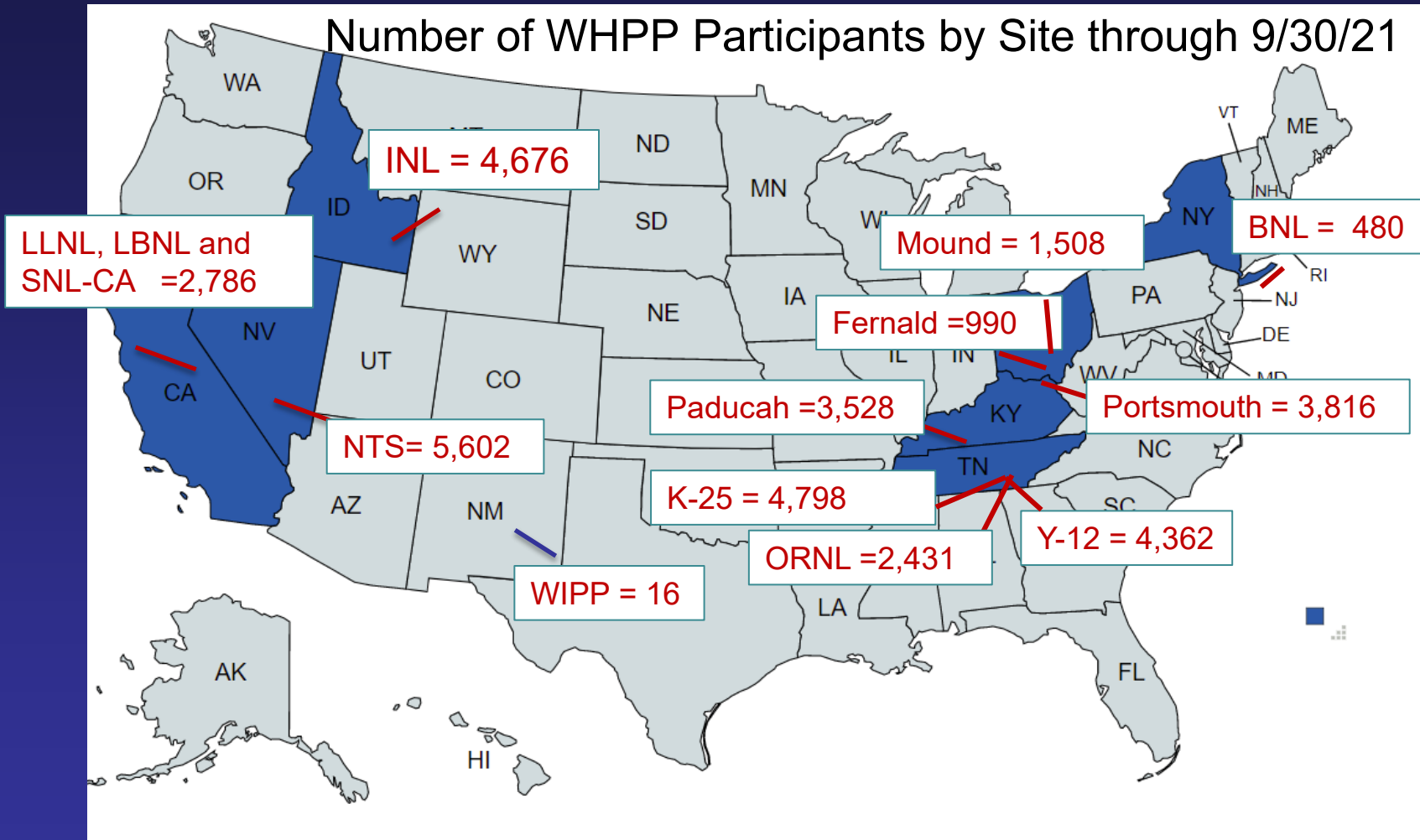
Worker Health Protection Program Overview

Who We See

Site	State	Workers Eligible for Medical Screening	ELCD Available?
Brookhaven National Laboratory	NY	Former Workers (Excluding Building Trades)	No
Fernald Plant	OH	Former Workers, Post-1986 (Excluding Building Trades)	Yes
Idaho National Laboratory	ID	Former Workers (Excluding Building Trades)	Yes
K-25 Gaseous Diffusion Plant	TN	Current and Former Workers (Excluding Building Trades)	Yes
Lawrence Berkeley National Lab.	CA	Former Workers	Yes
Lawrence Livermore National Lab.	CA	Former Workers	Yes
Mound Plant	OH	Former Workers (Excluding Building Trades)	Yes
Nevada National Security Site (Previously Nevada Test Site)	NV	Former Workers	Yes
Oak Ridge National Laboratory	TN	Former Workers (Excluding Building Trades)	Yes (& current)
Paducah Gaseous Diffusion Plant	KY	Current and Former Workers (Excluding Building Trades)	Yes
Portsmouth Gaseous Diffusion Plant	OH	Current and Former Workers (Excluding Building Trades)	Yes
Sandia National Laboratory- California	CA	Former Workers	Yes
Y-12 National Security Complex	TN	Former Workers (Excluding Building Trades)	Yes (& current)
Waste Isolation Pilot Plant	NM	Former Workers (Excluding Building Trades)	No

Worker Health Protection Program Overview- Who We See (Continued)

Number of WHPP Participants by Site through 9/30/21




*****35,000+ Participants Since 1999*****

Early Lung Cancer Detection (ELCD) Program- Overview


Centers for Disease Control and Prevention
MMWR | **LUNG CANCER SCREENING SAVES LIVES**

Lung Cancer is #1 Cause of Cancer Deaths




Screening with low dose CT* can detect lung cancer early and save lives

More Screening is Needed



7 of 8 adults who met **screening criteria** did not report recommended screening

Healthcare Providers: Discuss Screening



With Adults

✓
✓
✓

* WHPP ELCD annual screening for those who meet a specified criteria based on smoking, age, work and health history.*

*Low-dose computed tomography (CT) is the only test recommended by the US Preventive Services Task Force.

Source:

<https://www.cdc.gov/mmwr/volumes/69/wr/mm6908a1.htm>

Early Lung Cancer Detection Program (ELCD)- Overview

- In absence of screening, lung cancer is often detected only after symptoms occur, when treatment is unlikely to be effective
- The goal of lung cancer screening is to detect lung cancer before symptoms occur, when treatment can be effective
- Low-dose CT scan has been proven to reduce mortality from lung cancer.

Early Lung Cancer Detection (ELCD) Program – What We Do

- WHPP's ELCD program provides low-dose CT scan and follow-up for a subset of DOE workers at greatest risk for developing lung cancer.
- Annual screening is available for participants who meet a specified criteria based on smoking, age, work and health history. Interim follow-ups for suspicious findings.

Early Lung Cancer Detection (ELCD) Program— What We Found

- Over 13,845 CT scan participants in the ELCD program since 2000.
- 201 participants have been diagnosed with primary lung cancer from 2000 through 9/30/2021.
- 137 of the 192 (71.4 percent) individuals whose lung cancers have been staged to date, had an early stage lung cancer at the time of diagnosis.
- Lung cancer has been detected in 1 of approximately 68 DOE workers cumulatively tested since 2000 (N=13,845).

Early Lung Cancer Detection (ELCD) Program- What We Found (continued)

2018 | Annual Report | Former Worker Medical Screening Program



"I worked for 32 years at the Y-12 plant as a machinist. I received a low-dose CT scan in July of 2009 through the WHPP Early Lung Cancer Detection Program. I was contacted the following day and told that I needed to see a doctor immediately for follow-up. WHPP assisted me in getting an appointment as soon as possible with a pulmonologist and supplied a copy of my scan. The doctor reviewed my scan and did additional tests. He then referred me to a surgeon, and I had lung surgery in an urgent manner. The lower lobe on my left lung was removed, and the pathology report confirmed it was cancer. At the time of my test, I did not have any symptoms. If it had not been for this program and I had not participated in it, by the time my cancer would have been discovered, it would probably have been too late. I believe the medical screening program saved my life. It has been eight years today, and I am cancer free thanks to this program."

- Fred W. Farley, former Y-12 worker

Worker Health Protection Program

How to Contact Us

- Appointment and other information:
 - ☐ 1-888-241-1199
 - ☐ info@worker-health.org
- Other program information:
 - ☐ <https://www.facebook.com/WorkerHealthProtectionProgramwhpp>
 - ☐ www.worker-health.org

Questions?