

NUCLEAR ENERGY IN NEW JERSEY



ECONOMIC IMPACT

Nuclear energy is a major economic driver for New Jersey.



1.4
BILLION

Annual contribution to New Jersey's GDP from the Salem and Hope Creek Plants



4,530
JOBS

Direct and secondary jobs supported in New Jersey, including nearly 4,000 jobs in Salem County



1,639
EMPLOYEES

Full-time employees at New Jersey's nuclear plants



1,000
WORKERS

Additional contract workers during refueling

Source: 2020 PSEG Study

CAREER FIELDS



ENGINEERING



PIPEFITTING



ELECTRICAL



RADIATION PROTECTION



OPERATIONS



ENVIRONMENTAL SCIENCE



WELDING



PROJECT MANAGEMENT



CHEMISTRY



CONSTRUCTION

SUPPORTING NEW JERSEY'S WORKFORCE

New Jersey's nuclear plants are built, operated, and maintained by a highly skilled, unionized workforce that drives local economic growth, maintains rigorous safety compliance, and secures family-sustaining wages through Project Labor Agreements (PLAs).

- ✓ International Brotherhood of Electrical Workers (IBEW) Local 94
- ✓ International Brotherhood of Boilermakers Local 28
- ✓ Laborers' International Union of North America (LIUNA) New Jersey Region
- ✓ Nuclear Power Plant Security Officers of America (NPPSOA) Local 1
- ✓ United Association of Plumbers, Pipefitters, and HVAC Service Technicians Local 322
- ✓ International Union of Operating Engineers (IUOE) Local 825
- ✓ Eastern Atlantic States Regional Council of Carpenters Local 255
- ✓ International Union of Painters and Allied Trades (IUPAT) District Council 711



LOOKING AHEAD

New Jersey will continue evaluating advanced nuclear technologies and workforce development opportunities to support affordability, reliability, and economic growth.

WORKFORCE JOB CREATION

National Data for Nuclear Employment



1 NUCLEAR POWER
PLANT EMPLOYS
400 – 700 WORKERS



NUCLEAR SALARIES
ARE **36% HIGHER**
THAN LOCAL
AVERAGE SALARY



23,000 JOBS ARE
EXPECTED TO BE
ADDED OVER THE
NEXT 5 YEARS

SOURCE:
EASTERN ENERGY INSTITUTE

100,000

Direct, long-term jobs



475,000

Secondary jobs

SKILLED TRADE

Carpenters, Electricians,
Operators of heavy
equipment, Masons,
Pipefitters, Sheet metal
workers, Welders

ENGINEERING & PROFESSIONS

Accountants, Chemical engineers,
Civil engineers, Health physicists,
Lawyers, Mechanical engineers,
Nuclear engineers, Entrepreneurs,
Financial managers

TECHNICIANS & RADIOLOGISTS

Chemists, Mechanics, Radiation
protection specialists, Reactor operators,
Scientists

New Jersey Nuclear Employment:

- More than 1,300 employed as a result of nuclear power generation in NJ ranging from chemists, operators, janitors, managers, etc.
- More than 750 of these jobs only require a high school diploma or equivalent
- Lowest hourly rate was \$18.61 (Janitor)
- Highest hourly rate was \$90.42 (Financial Manager)

Source: Based on Data Provided by NJDOL

Occupation	Median Hourly Wage	Minimum Education Level	Work Experience Required	Typical On-the-Job Training
Nuclear Power Reactor Operators	\$62.74	High School Diploma or Equivalent	None	Long-term on-the-job training
Nuclear Technicians	\$48.42	Associate's degree	None	Moderate-term on-the-job training
Nuclear Engineers	\$72.02	Bachelor's degree	None	None
Electricians	\$34.48	High School Diploma or Equivalent	None	Apprenticeship
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	\$52.28	Postsecondary non-degree award	Less than 5 years	Moderate-term on-the-job training
Electrical Engineers	\$60.07	Bachelor's degree	None	None
Industrial Machinery Mechanics	\$35.04	High School Diploma or Equivalent	None	Long-term on-the-job training
Industrial Production Managers	\$69.38	Bachelor's degree	5 years or more	None
Chemists	\$40.90	Bachelor's degree	None	None
Project Management Specialists	\$54.43	Bachelor's degree	None	None
Construction and Building Inspectors	\$39.35	High School Diploma or Equivalent	5 years or more	Moderate-term on-the-job training
Facilities Managers	\$59.06	Bachelor's degree	Less than 5 years	None

Source: Based on Data Provided by NJDOL