

Nuclear Power Reactor Operators

51-8011.00



Description: Operate or control nuclear reactors. Move control rods, start and stop equipment, monitor and adjust controls, and record data in logs. Implement emergency procedures when needed.

Other Resources:

[ONET Link](#)
[MyNextMove Link](#)

Sample of Reported Job Titles: Licensed Reactor Operator, Nuclear Control Operator

Job Zone

Title: 3 - Medium Preparation Needed

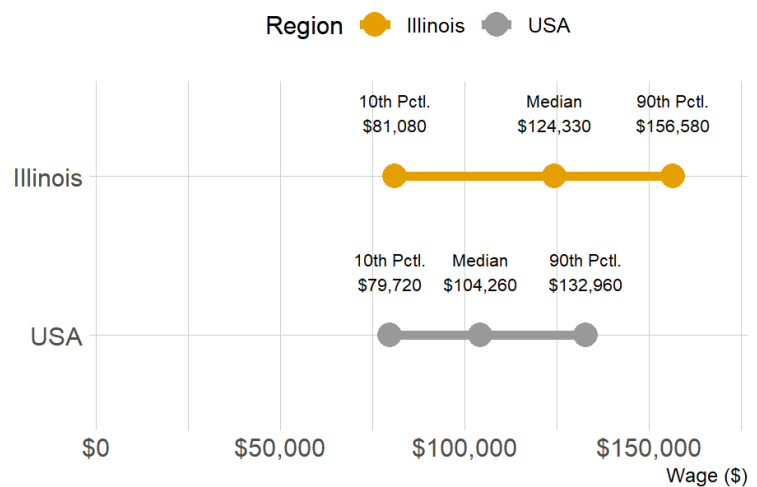
Education: Require training in vocational schools, related on-the-job experience, or an associate's degree.

Experience: Previous work-related skill, knowledge, or experience is required.

Training: One or two years of training involving both on-the-job experience and informal training with experienced workers needed. A recognized apprenticeship program may be associated with these occupations.

Hot Technologies: Microsoft Access, Microsoft Office Suite

Region	Employment	Location Quotient	Median Wage
Illinois	340	1.79	\$124,330
USA	4,820	–	\$104,260



Top 5 Core Tasks According to Current Job Holders	Frequency	Importance (out of 100)
Operate nuclear power reactors in accordance with policies and procedures to protect workers from radiation and to ensure environmental safety.	Hourly or more	99
Adjust controls to position rod and to regulate flux level, reactor period, coolant temperature, or rate of power flow, following standard procedures.	Several times daily	97
Develop or implement actions such as lockouts, tagouts, or clearances to allow equipment to be safely repaired.	Daily	96
Respond to system or unit abnormalities, diagnosing the cause, and recommending or taking corrective action.	Daily	95
Monitor all systems for normal running conditions, performing activities such as checking gauges to assess output or the effects of generator loading on other equipment.	Hourly or more	94