

## APPENDIX Q Nuclear Power Units by Nation (continued)

| Country              | Nuclear Power<br>Production GWh* | <u>In Operation</u> |                                    | <u>Under Construction<br/>or on Order</u> |                                    | Shutdown        |
|----------------------|----------------------------------|---------------------|------------------------------------|-------------------------------------------|------------------------------------|-----------------|
|                      |                                  | Number<br>of Units  | Gross MW<br>Electrical<br>Capacity | Number<br>of Units                        | Gross MW<br>Electrical<br>Capacity |                 |
| Ukraine              | 80,950                           | 15                  | 13,835                             | 2                                         | 2,178                              | 4 <sup>P</sup>  |
| United Arab Emirates | 0                                | 0                   | 0                                  | 4                                         | 5,600                              | 0               |
| United Kingdom       | 65,149                           | 15                  | 10,362                             | 0                                         | 0                                  | 30 <sup>P</sup> |
| United States        | 805,327                          | 99                  | 105,403                            | 4                                         | 5,000                              | 34 <sup>P</sup> |

### Overview of Worldwide Nuclear Power Reactors—As of May 10, 2017

|                                              |           |
|----------------------------------------------|-----------|
| Nuclear Electricity Supplied (GWh)           | 2,476,217 |
| Net Installed Capacity (MWe)                 | 392,116   |
| Nuclear Power Reactors in Operation          | 449       |
| Nuclear Power Reactors in Long-Term Shutdown | 2         |
| Nuclear Power Reactors in Permanent Shutdown | 160       |
| Nuclear Power Reactors under Construction    | 60        |

\* Annual electrical power production for 2016.

P = Permanent Shutdown

L = Long-Term Shutdown

Notes: Totals include reactors that are operable, under construction, or on order; the country's short-form name is used; and the figures are rounded to the nearest whole number.

Sources: IAEA Power Reactor Information System Database; analysis compiled by the NRC. For more information go to [www.iaea.org/pris/](http://www.iaea.org/pris/). Data are current as of May 2017; the next printed update will be in August 2018.

## APPENDIX R Nuclear Power Units by Reactor Type, Worldwide

| Reactor Type                                         | <u>In Operation</u> |                |
|------------------------------------------------------|---------------------|----------------|
|                                                      | Number<br>of Units  | Net MWe        |
| Pressurized light-water reactors (PWR)               | 290                 | 273,856        |
| Boiling light-water reactors (BWR)                   | 78                  | 75,323         |
| Heavy-water reactors, all types (HWR, PHWR)          | 49                  | 24,629         |
| Light-water-cooled graphite-moderated reactor (LWGR) | 15                  | 10,219         |
| Gas-cooled reactors, all types (GCR)                 | 14                  | 7,720          |
| Liquid-metal-cooled fast breeder reactors (FBR)      | 3                   | 1,369          |
| <b>Total</b>                                         | <b>449</b>          | <b>379,261</b> |

Note: MWe values rounded to the nearest whole number.

Source: IAEA Power Reactor Information System Database, [www.iaea.org](http://www.iaea.org)

Compiled by the NRC from IAEA data. Data are current as of April 2015. The next printed update will be in August 2018.