

**R. NEVIN STAFF EXHIBIT 13**

**NIRS/PC EC-7**

Table 18. Historical and Projected Operable Nuclear Capacities by Region, 1999-2020  
(Net Gigawatts)

Region	1999 <sup>a</sup>	2005	2010	2015	2020
<b>Reference Case</b>					
<b>Industrialized</b>	<b>278.1</b>	<b>280.1</b>	<b>276.5</b>	<b>265.0</b>	<b>246.0</b>
United States	97.2	97.5	93.7	79.5	71.6
Other North America	11.3	14.1	14.9	14.9	14.9
Japan	43.7	44.5	47.6	56.6	56.6
France	63.1	64.3	64.3	64.3	63.1
United Kingdom	13.0	11.4	9.8	8.1	5.3
Other Western Europe	49.9	48.3	46.1	42.8	35.7
<b>EE/FSU</b>	<b>45.3</b>	<b>46.1</b>	<b>43.6</b>	<b>42.3</b>	<b>37.8</b>
Eastern Europe	10.6	11.6	10.0	10.6	10.6
Russia	19.8	21.7	21.3	17.6	13.1
Ukraine	12.1	11.2	12.1	13.1	13.1
Other FSU	2.7	1.6	0.0	1.0	1.0
<b>Developing</b>	<b>25.5</b>	<b>35.3</b>	<b>44.7</b>	<b>53.7</b>	<b>65.8</b>
China	2.2	5.9	9.6	11.6	18.7
South Korea	13.0	15.9	16.3	19.4	22.1
Other	10.3	13.5	18.8	22.7	25.0
<b>Total World</b>	<b>348.9</b>	<b>361.5</b>	<b>364.6</b>	<b>362.3</b>	<b>350.9</b>
<b>Low Growth Case</b>					
<b>Industrialized</b>	<b>278.1</b>	<b>272.3</b>	<b>254.4</b>	<b>207.1</b>	<b>180.8</b>
United States	97.2	96.8	89.9	65.6	55.3
Other North America	11.3	11.3	11.3	10.0	10.0
Japan	43.7	43.6	43.1	33.7	40.3
France	63.1	64.3	63.4	59.0	51.7
United Kingdom	13.0	11.0	8.1	4.2	1.8
Other Western Europe	49.9	45.3	38.6	34.7	21.8
<b>EE/FSU</b>	<b>45.3</b>	<b>42.2</b>	<b>36.7</b>	<b>27.9</b>	<b>14.0</b>
Eastern Europe	10.6	10.4	10.0	10.0	6.4
Russia	19.8	19.5	15.5	11.2	6.7
Ukraine	12.1	11.2	11.2	6.7	1.0
Other FSU	2.8	1.2	0.0	0.0	0.0
<b>Developing</b>	<b>25.5</b>	<b>31.7</b>	<b>39.4</b>	<b>44.1</b>	<b>46.0</b>
China	2.2	5.3	8.6	9.6	10.6
South Korea	13.0	14.9	16.2	18.5	20.2
Other	10.3	11.6	14.5	16.0	15.3
<b>Total World</b>	<b>348.9</b>	<b>346.3</b>	<b>330.5</b>	<b>279.0</b>	<b>240.9</b>
<b>High Growth Case</b>					
<b>Industrialized</b>	<b>278.1</b>	<b>284.6</b>	<b>295.1</b>	<b>301.6</b>	<b>301.7</b>
United States	97.2	97.5	96.9	94.3	88.5
Other North America	11.3	14.9	14.9	14.9	14.9
Japan	43.7	45.6	58.7	68.8	74.4
France	63.1	64.6	64.3	65.8	67.2
United Kingdom	13.0	12.3	11.0	10.6	11.4

Other Western Europe	49.9	49.9	49.3	47.3	45.3
<b>EE/FSU</b>	<b>45.3</b>	<b>49.2</b>	<b>49.7</b>	<b>49.1</b>	<b>55.0</b>
Eastern Europe	10.6	11.6	11.9	12.0	13.6
Russia	19.8	22.7	23.4	22.1	22.2
Ukraine	12.1	12.1	13.1	13.1	15.0
Other FSU	2.8	2.7	1.4	2.0	4.2
<b>Developing</b>	<b>25.5</b>	<b>38.3</b>	<b>56.1</b>	<b>73.7</b>	<b>88.7</b>
China	2.2	6.6	11.6	18.7	20.7
South Korea	13.0	16.8	19.7	21.4	26.2
Other	10.3	14.9	24.8	33.7	41.9
<b>Total World</b>	<b>348.9</b>	<b>372.1</b>	<b>400.9</b>	<b>424.5</b>	<b>445.3</b>

<sup>a</sup>Status as of December 31, 1999. Data are preliminary and may not match other EIA sources.

Notes: EE/FSU = Eastern Europe/Former Soviet Union. Totals may not equal sum of components due to independent rounding.

Sources: **United States:** Energy Information Administration, *Annual Energy Outlook 2001*, DOE/EIA-0383 (2001) (Washington, DC, December 2000). **Foreign:** Based on detailed assessments of country-specific nuclear power programs.

[Back to Nuclear Power Section](#)