

V. The Canadian Nuclear Safety Commission

Report Card on Nuclear Power Plant Performance as of January 2005

CNSC staff assesses licensee programs (“P”) and their implementation (“I”) separately, according to five ratings. As of January 2005, Pickering A Units 1, 2 and 3 remained fuelled and in a guaranteed shutdown state, and Unit 1 was undergoing restart work. Bruce A Units 1 and 2 remained defuelled and in a lay-up state.

Legend: A = Exceeds requirements B = Meets requirements C = Below requirements
D = Significantly below requirements E = Unacceptable

| Safety Area/Program | P / I | Bruce | | Darlington | Pickering | | Gentilly-2 | Point Lepreau |
|---|-------|-----------|---|------------|-----------|---|------------|---------------|
| | | A | B | | A | B | | |
| Operating Performance | P | B | B | B | B | B | B | B |
| | I | B | B | B | B | B | B | B |
| Organization & Plant Management | P | B | B | B | B | B | B | B |
| | I | B | B | B | B | C | B | B |
| Operations | P | B | B | B | B | B | B | B |
| | I | B | B | B | B | B | B | B |
| Occupational Health & Safety (non-radiological) | P | B | B | B | B | B | B | B |
| | I | B | B | B | B | B | B | B |
| Performance Assurance | P | B | B | B | B | B | C | B |
| | I | B | B | B | B | B | C | B |
| Quality Management | P | C | C | B | B | B | B | B |
| | I | B | B | C | C | C | B | B |
| Human Factors | P | B | B | B | B | B | C | C |
| | I | B | B | B | B | B | C | C |
| Training, Examination, and Certification | P | B | B | B | B | B | C | B |
| | I | B | B | B | B | B | C | B |
| Design & Analysis | P | B | B | B | B | B | B | B |
| | I | B | B | B | B | C | B | B |
| Safety Analysis | P | B | B | B | B | B | B | B |
| | I | B | B | B | B | B | B | B |
| Safety Issues | P | B | B | B | B | B | B | B |
| | I | B | B | B | B | B | B | B |
| Design | P | B | B | B | B | B | B | C |
| | I | B | B | B | B | C | B | C |
| Equipment Fitness for Service | P | B | B | B | B | B | B | B |
| | I | B | B | B | B | B | B | C |
| Maintenance | P | B | B | B | B | B | B | B |
| | I | B | B | B | B | C | B | B |
| Structural Integrity | P | B | B | B | B | B | B | C |
| | I | B | B | B | B | B | B | C |
| Reliability | P | B | B | B | B | B | B | B |
| | I | B | B | B | B | B | B | B |
| Equipment Qualification | P | B | B | B | B | B | B | B |
| | I | B | B | C | B | B | B | C |
| Emergency Preparedness | P | A | A | A | A | A | A | A |
| | I | A | A | A | A | A | B | C |
| Environmental Performance | P | B | B | B | B | B | B | B |
| | I | B | B | B | B | B | B | B |
| Radiation Protection | P | B | B | B | B | B | B | B |
| | I | B | B | B | B | B | C | B |
| Site Security | P | Protected | | | | | | |
| | I | Protected | | | | | | |
| Safeguards | P | B | B | B | B | B | B | B |
| | I | B | B | B | B | B | B | B |