
13.0 REFERENCES

- Adams, J., and Halchuk, S. 2003. *Fourth Generation Seismic Hazard Maps of Canada: Values for over 650 Canadian Localities Intended for the 2005 National Building Code of Canada*. Geological Survey of Canada Open File 4459 150 pp.
- Adams, J., D. Weichert and S. Halchuk 1999. *Trial seismic hazard maps of Canada - 1999: 2%/50 Year values for selected Canadian cities*. Geol. Survey of Canada Open File, 95pp.
- Adams, J., L. Dredge, C. Fenton, D. Grant and W. Shilts 1993. *Late Quaternary Faulting in the Rouge River Valley, Southern Ontario: Seismotectonic or Glaciotectonic?* Geol. Surv. of Canada Open File 2652, 58 p.
- Advisory Committee on Radiological Protection (AECL, Health Canada, and Ministry of Environment and Energy) 1998. *Assessment and Management of Cancer Risks from Radiological and Chemical Hazards*. Health Canada.
- Advisory Committees on Radiological Protection and on Nuclear Safety (ACRP/ACNS) 1990. *Recommended De Minimis Radiation Dose Rates for Canada*. AECB INFO-355.
- Advisory Committees on Radiological Protection and on Nuclear Safety (ACRP/ACNS) 1988. *Recommended de minimis Radiation Dose Rates for Canada*. AC-1, INFO-0355.
- Ahrens, John P. and M.S. Heimbaugh 1988. *Seawall Overtopping Model. Proceedings of the 1988 International Coastal Engineering Conference*. Published by American Society of Civil Engineers.
- Angehrn, D., M. Schlupe, R. Galli and J. Zeyer 1999. *Movement and Fate of Residual Mineral Oil Contaminants in Bioremediated Soil*. In: Env. Tox. Chem (18)10.
- Ajax Historical Board 1995. *A Town Called Ajax*.
- American Conference of Government Industrial Hygienists (ACGIH) 1999. *1999 TLVs and BEIs*.
- Aquatic Sciences Inc. (ASI) 1998. *Ontario Hydro Pickering Nuclear Generating Station Admiralty Brass Emissions: Investigations of Receiving Water Environment (Final report)*. Aquatic Sciences Inc., 54 p.
- Aquatic Sciences Inc. 1997. *Ontario Hydro Pickering Nuclear Generating Station Investigation of the Distribution of Aquatic Vegetation Adjacent to Ontario Hydro Pickering NGS Using CASI Remote Sensing Technology*. 17p.
- Arajs, A.A. 1980. *Lake Ontario Pickering Nuclear Generating Station Analysis of Thermal Plume Surveys conducted 1971 to 1979 (Report No. 80072)*. Ontario Hydro, Design and Development Division, Hydraulic Studies and Development Department.

-
- Asgaripour P. and D. McCurdy 2000. *Estimated Airborne Emissions of Boiler Chemicals During Steady State and Transient Operation of Pickering NGS A*. Ontario Power Generation, Nuclear Technical Support Division.
- Asmis, H. 2001. *Final Compilation Report – Seismic Hazard Resolution Project*. OPG Report N-REP-02004-10002.
- Asmis, H. and C. Alexander 1996. *Pickering NGS A Seismic Capacity Assessment. Seismic Hazard and Review Level Earthquake*. Ontario Power Generation Report No. NA44-02004-965034. Toronto.
- Atkinson, G. 1990. *Updated Seismic Hazard Estimates at Ontario Hydro Sites*. Ontario Hydro Rpt. No. 90275.
- Atkinson, G. 1994. *Update to 1990 Report for Pickering*. Report to Ontario Hydro.
- Atkinson, G. and E. Sonley 2000. *Empirical Relationships Between Modified Mercalli Intensity and Response Spectra*. Bull. Seism. Soc. Am. 90: 537-544.
- Atmospheric Environment Service 1997. *Surface Water and Sediment Data (current to 1995) – HYDAT*. Environment Canada – Atmospheric Environment Services.
- Atomic Energy Control Board (AECB) 1995. *Canada Living with Radiation*. INFO-9999-6.
- Atomic Energy Control Board (AECB) D.G. Hurst and F.C. Boyd 1972. *Reactor Licensing and Safety Requirements*, Paper 72-CAN-102, presented at the 12th Annual Conference of the Canadian Nuclear Association, Ottawa, June.
- Bain, M. and B. Henshaw (eds.). 1993. *The Durham Region Natural History Report 1992*. Published by M. Bain and B. Henshaw, Pickering, Ontario, 1993.
- Baker, D. A. 1993. *Population Dose Commitments Due to Radioactive Releases from Nuclear Power Plant Sites in 1989*. Document No. NUREG/CR-2850. Prepared by Battelle, Pacific Northwest Laboratories, Richland, Washington, for the U.S. Nuclear Regulatory Commission.
- Barbiero, R, DiMarino, M. and Volerman, J. 1999. *Diatoms 1998*. U.S. EPA.
- Beer, J.H. and Company 1877. *The Illustrated Historical Atlas of Ontario County*. Toronto.
- Belden, H. and Company 1878. *The Illustrated Historical Atlas of Durham and Northumberland Counties*. Toronto.
- Benovich, I and A. Polack 2006. *Clarification of Environmental Questions from SENES – Pickering B Environmental Assessment*. File: N-07701 (P). Received via email Nov. 3/06.
- Birds of North America Online (BNA) 2006. <http://bna.birds.cornell.edu/BNA>. Accessed July 30, 2006.
-

-
- Bootsma, H. 2004. *Workshop Proceedings: Introduction Cladophora Research and Management in the Great Lakes Workshop at the University of Wisconsin-Milwaukee 2004.*
- Brett, M.E., McCurdy, D.L. and Leinonen, P.J. 1997. *Estimated Airborne Emissions of Boiler Chemicals During Steady State and Transient Operation of Pickering NGS B.* Ontario Hydro Nuclear.
- Bruce Power 2005. *Bruce A Refurbishment for Life Extension and Continued Operation Project Environmental Assessment, Environmental Assessment Study Report, Volume 1: Main Report.* Prepared by Golder Associates Ltd. December.
- Burchat, W.L. 1990a. *Pickering NGS B Discharge Jet Decay Study, August 3 and November 9, 1988, Technical Memorandum (File No. R-NK30-07013-0001).* Ontario Hydro, Civil Engineering and Architecture Department.
- Burchat, W.L. 1990b. *Lake Ontario – Pickering NGS, A Study of the Combined Thermal Plume from Pickering NGS A and B, 1986-1988 (Report No. 90374).* Ontario Hydro, Civil Engineering and Architecture Department.
- Burchat, W.L. 1988. *Pickering NGS: A Study of Sediment Transport, 1987-1988.* Geotechnical & Hydraulic Engineering Department, Ontario Hydro, pp. 23 +appendices.
- Canada Gazette 2000. *Radiation Protection Regulations.* Canada Gazette Part II, Vol. 134, No. 13.
- Canada Gazette 2000. *Radiation Protection Regulations.* Canada Gazette Part II, Vol. 134, No. 13.
- Canadian Centre for Inland Waters 2000. *Great Lakes Hydrological Cycle.* Environment Canada, 1 p.
- Canadian Council of Ministers of the Environment (CCME) 2006. *Life Extension of Nuclear Power Plants.* CNSC Draft Regulatory Guide G-360.
- Canadian Council of Ministers of the Environment (CCME) 2000a. *Canada Wide Standards for Particulate Matter (PM) and Ozone.* June.
- Canadian Council of Ministers of the Environment (CCME) 2000b. *Canada-Wide Standards for Petroleum Hydrocarbons (PHCs) in Soil: Scientific Rationale. Supporting Technical Document.* December.
- Canadian Council of Ministers of the Environment (CCME) 1999. *Canadian Environmental Quality Guidelines.*
- Canadian Council of Resource and Environment Ministers (CCREM) 1995. *Canadian Water Quality Guidelines.*
-

-
- Canadian Environmental Assessment Agency (CEAA) 1996. *The Canadian Environmental Assessment Act, Reference Guide on Physical and Cultural Heritage Resources*. Ottawa.
- Canadian General Standards Board (CGSB) 2002. *Design, Manufacture and Use of Intermediate Bulk Containers for the Transportation of Dangerous Goods*. CAN/CGSB 43.146-2002.
- Canadian Hydrographic Service 1999. *Lake Ontario Bathymetric Charts No. 2000 and No. 2077*. Canadian Hydrographic Service.
- Canadian Nuclear Association (CNA) 2001. *Nuclear Canada Yearbook 2001*.
- Canadian Nuclear FAQ 2001. Canadian Nuclear FAQ Section G: Uranium.
- Canadian Nuclear Safety Commission (CNSC) 2007. *Final EA Guidelines (Scope of Project and Assessment) Environmental Assessment for the Refurbishment and Continued Operation of Pickering B Reactors at the Pickering B Nuclear Generating Station*.
- Canadian Nuclear Safety Commission (CNSC) 2006. *Life Extension of Nuclear Power Plants*. CNSC Draft Regulatory Guide G-360.
- Canadian Nuclear Safety Commission (CNSC) 2005a. *Amendment Nuclear Power Reactor Operating Licence Pickering Nuclear Generating Station B*. Amendment No. 9, PROL 08/09/2008.
- Canadian Nuclear Safety Commission (CNSC) 2005b. *Annual CNSC Staff Report for 2004 on the Safety Performance of the Canadian Nuclear Power Industry*. Report No. INFO-0752.
- Canadian Nuclear Safety Commission (CNSC) 2002. *Regulatory Guide G-219 for Decommissioning Planning for Licensed Activities*.
- Canadian Nuclear Safety Commission (CNSC) 2001. Letter to G. Preston (OPG) from M. Measures (CNSC), dated July 12, 2001. *Amendment to CNSC Review of Proposed Generic Screening Criterion for Tritium in Nonpotable Water*.
- Canadian Nuclear Safety Commission (CNSC) 2000. *Packaging and Transport of Nuclear Substances Regulations*. Document No. SOR/2000-208. Annexed in *Canada Gazette*, Part II, Vol. 134, No. 13, June 21, 2000.
- Canadian Standards Association (CSA) CAN3-N289.5-M91, *Seismic Instrumentation Requirements for CANDU Nuclear Power Plants*.
- Canadian Steel Producers Association 2005. *Steel Facts 1995-2001*.
- Central Lake Ontario Conservation Authority (CLOCA) 2006. *Durham Region Coastal Wetlands at http://www.cloca.com/lwc/wetlands_coastal.php*, Accessed 8 June 2006.

-
- CH2M Gore & Storrie Ltd. 2000. *Unit 1 Tritium Investigation, Report of Findings to Date, Draft Technical Memorandum*. CH2M Gore & Storrie Ltd.
- CH2M Gore & Storrie 1999a. *Preliminary Findings Summary - Part 1 Phase II Environmental Site Assessment for Six Locations at Pickering Nuclear (DRAFT)*.
- CH2M Gore & Storrie Ltd. 1999b. *Site-wide Groundwater Monitoring System, Draft Final Report, Volume I: Report*.
- CH2M Gore & Storrie Limited 1998. *UPP Groundwater Remediation Project: Extent of Contamination Report*.
- CH2M Hill 2006. *Provision of Additional Capacity at the Duffins Creek Water Pollution Control Plant Schedule C Class Environmental Assessment, Volume 1 Environmental Study Report*. Prepared September 2006.
- CH2MHILL 2005a. *Final Summary Report Unit 8 MOT Hydrogeological Investigation-Subsurface Integrity Project*, NK30-REP-2284-00002-R00.
- CH2MHILL 2005b. *Phase II Environmental Site Assessments. Site #1 – PN5-8 Transformer Area and Oil Tank Farm Area Pickering NGS*. OPG Report No. NK30-REP-10120-10039.
- CH2MHILL 2005c. *Phase II Environmental Site Assessments. Site #12 – Oil and Chemical Storage Building Pickering NGS*. OPG Report No. NK30-REP-10120-00036.
- CH2M Hill 2002. *Final Tritium in Groundwater Study*.
- Chase *et al.* 1994. *Environmental and Radiological Impact of a Large Release of Heavy Water from Pickering Generating Station in August 1992*.
- ChemInfo Services Inc. 2005. *Best Practices for the Reduction of Air Emissions from Construction and Demolition Activities*.
- Chiefs of Ontario 2007. *Mississaugas of the New Credit* http://chiefs-of-ontario.org/profiles/pr_mississaugas.html.
- Chiefs of Ontario 2006. *Ojibwas of Hiawatha*. http://www.chiefs-of-ontario.org/profiles/pr_hiawatha.html.
- City of Pickering 2001. *Community Emergency Management Program. Services Overview*. http://www.cityofpickering.com/standard/services/emergency_p/main.html#Nuclear%20. Accessed December 2006.
- City of Pickering 1997. *Pickering Official Plan*.

-
- City of Toronto 2007. City of Toronto (Website). *Red Page – Nuclear Emergency Information*. http://www.toronto.ca/wes/techservices/oem/news/red_page/index.htm. Accessed February 2007.
- Claudi, R. and J.H. Leach (Eds.) 2000. *Nomindigenous Freshwater Organisms*. Lewis Publishers, New York. 464p.
- Committee on the Status of Endangered Wildlife in Canada (COSEWIC) 2006. http://www.cosewic.gc.ca/eng/sct5/index_e.cfm Last updated April 28, 2006.
- Construction Sector Council (CSC) 2006. *Durham Region Public Alerting System Frequently Asked Questions*. http://www.csc-ca.org/english/industry_1.html. Accessed December 2006.
- Cord, I. and T. Dunstall 1998. *Phase I Environmental Site Assessment: Investigation of the Ontario Hydro Pickering Nuclear Division*. Ontario Hydro Technologies, 108 p.
- COSEWIC 1999. *Current Species Lists*. Committee on the Status of Endangered Wildlife in Canada (COSEWIC).
- Csanady, G.T. 1972a. *The Coastal Boundary Layer in Lake Ontario, Part I, The Spring Regime*. J. Phys. Oceanogr.
- Csanady, G.T. 1972b. *The Coastal Boundary Layer in Lake Ontario, Part II, The Summer-fall Regime*. J. Phys. Oceanogr.
- C-TECH 1999. *Site-Wide Radioactive Surface Contamination Survey at the Ontario Power Generation Pickering Nuclear Generating Station*. C-TECH, 10 p.
- Cumulative Effects Assessment Working Group and AXYS Environmental 1999. *The Canadian Environmental Assessment Agency's Cumulative Effects Assessment Practitioners Guide and Operational Policy Statement 1999*.
- DataKustic GmbH 2005. *Computer Aided Noise Abatement (CADNA) Model Manual*, Version 3.6.
- Department of Justice Canada 2000. *Radiation Protection Regulations*. Enabled under the *Nuclear Safety Control Act*, S.C. 1997, c9. Report No. SOR/2000-203.
- De Waal, J.P. and van der Meer, J.W. 1992. *Wave Runup and Overtopping in Coastal Structures*. Proceedings of the 1992 International Coastal Engineering Conference, Venice, Italy. Published by American Society of Civil Engineers.
- Dillon Consulting Limited 2003. *Pickering Growth Management Study Phase 1 – Transportation Background Report*.
- Dinnie, K. (OPG) 2000. *Nuclear Accident Release Data*.
- Durham Emergency Management Office (DEMO) 2004. *Nuclear Public Safety*

-
- Durham Field Naturalists 1991. *The Annual Durham Region Bird Report, 1991*. Durham Field Naturalists. Oshawa, Ontario.
- Durham Region 2006. *Traffic Collision Summary*. Received by Marshall Macklin Monaghan July 2006.
- Durham Region 2003. *Growing Together: Durham's Community Strategic Plan*.
- Durham Region Health Department 2007. *Radiation and Health in Durham Region 2007*. Whitby, Ontario: The Regional Municipality of Durham.
- Durham Region Local Training Board 2005. *Don't be Kept in the Dark: What you Should Know About Durham's Energy Sector*. May.
- Durham Region Planning Department 2006. *Durham Region Profile: Demographics and Socio-Economic Data*. August.
- Durham Region Planning and Works Departments 2005. *Durham Transportation Master Plan Consolidation 2005*.
- Durham Region Planning Department 1993. Durham Regional Official Plan.
- Durham Regional Police Service. 2006. <http://www.police.durham.on.ca>. Accessed Fall 2006.
- Durham Strategic Energy Alliance 2006. <http://www.dsea.ca/>. Accessed Fall 2006.
- Durham Region and York Region 2006. *Provision of Additional Capacity at the Duffin Creek Water Pollution Control Plant. Schedule C Class Environmental Assessment. Volume 1: Environmental Study Report*. Prepared by CH2M Hill.
- Eco/Log 1999. *Effluent Monitoring and Effluent Limits – Electric Power Generation Sector (Ont. Reg. 215/95)*.
- Ecometrix Incorporated 2006. *Duffin Creek WPCP Receiving Water Impacts Assessment Component of the Schedule C Class Environmental Assessment*.
- Eder, T. 2002. *Mammals of Ontario*. Lone Pine Publishing, Edmonton. ISBN 1-55105-321-7.
- Ellis, C.J. and N. Ferris 1990. *The Archaeology of Southern Ontario to A.D. 1650*. Occasional Paper of the London Chapter, OAS Number 5.
- Environment Canada 2006a. *Canadian Climate Normals or Averages 1971-2000*. Web Address: http://www.climate.weatheroffice.ec.gc.ca/climate_normals/index_e.html
- Environment Canada 2006b. *Greenhouse Gas Sources and Sinks* http://www.ec.gc.ca/pdb/ghg/ghg_home_e.cfm Accessed March 2007.
- Environment Canada 2003. *Canadian Climate Normals 1971-2000*. http://www.climate.weatheroffice.ec.gc.ca/climate_normals/index_e.html. Accessed
-

-
- Spring 2005. Environment Canada 1999. Climate Data – Precipitation, Solar Radiation – Raw Data.
- Environment Canada/Health Canada (EC/HC PSL2) 2003. *Priority Substances List Assessment Report: Releases of Radionuclides from Nuclear Facilities (Impact on Non-Human Biota)*.
- Environment Canada 1993. *Canadian Climate Normals, 1961-1990*.
- Environment Canada 1990. *The Climates of Canada*, ISSN 0-660-13459-4.
- Environment Canada, U.S. EPA and NYDEC 1998. *Lakewide Management Plan for Lake Ontario*.
- Evans, D.M. and K. R. Day 2002. *Hunting Disturbance on Large Shallow Lake: The Effectiveness of Waterfowl Refuges*. Ibis 144:2-8.
- Farooqui, R. 1991. *Lake Ontario Nearshore Currents at Pickering NGS 'B' Summary for Pre and Post Operational Period 1979 – 1988*. Ontario Hydro Civil Engineering and Architecture Department.
- Farooqui, R.A. and D.W. Lawler 1988. *Lake Ontario Water Temperatures in the Vicinity of Pickering NGS B and Summary for Pre-operational Period 1979-1981*. Ontario Hydro Report #83217.
- Fox, A.D., J. Madsen 1997. *Behavioural and Distributional Effects of Hunting Disturbance on Waterbirds in Europe: Implications for Refuge Design*. Journal of Applied Ecology 34:1-13.
- FPCAP 1976. *Criteria for National Air Quality Objectives: Sulphur Dioxide, Suspended Particulates, Carbon Monoxide, Oxidants (Ozone) and Nitrogen Dioxide*. Federal – Provincial Committee on Air Pollution (FPCAP), Subcommittee on Air Quality Objectives, Fisheries and Environment Canada. November.
- Gartner Lee Limited (GLL) 2007. *2007 Monitoring of Public Attitudes and Behaviours: Pickering A – Return to Service Follow-up Program Element 8.1 “Residents and Communities”*. Prepared for Ontario Power Generation, Report Reference: GLL 60-372.
- Gartner Lee Limited (GLL) 2006. *Pickering A Return to Service Environmental Assessment Post-Restart Follow-up Program: Element 8.2 Community Infrastructure (Housing and Property Values)*. Prepared for Ontario Power Generation, Report Reference GLL 60-373.
- Gartner Lee Limited (GLL) 2003. *Socio-Economic Conditions Technical Support Document to Pickering Waste Management Facility Phase II EA Study*. Report Prepared for Ontario Power Generation. Report No. 92896-REP-07701-00010 R00.
-

-
- Gartner Lee Limited (GLL) 2000a. *Pickering A – Return to Service Environmental Assessment. Socio-economic Conditions Technical Support Document*. Report Prepared for Ontario Power Generation. Report Reference: GLL 20-144.
- Gartner Lee Limited (GLL) 2000b. *Long and Short Term Plans for WSPs and WCCPs in the Vicinity of PNGS A (Memo)*.
- Gartner Lee Limited (GLL) 1999. *Fall Recreational Fisheries Survey 1999 PNGS*.
- Gartner Lee Limited (GLL) 1996. *Phase I Environmental Site Assessment of Non-Operating Landfill on Ontario Hydro (Pickering Nuclear Division) Property, Pickering, Ontario*. Gartner Lee Limited, 28 p.
- Geomatrix Consultants 1997. *Seismic Hazard in Southern Ontario*. Rpt. to Atomic Energy Control Board, Contract No. 87055-5-5072/001/SS.
- Georgina Island Chippewas 2006. Georgina Island. <http://www.georginaisland.com/>.
- Godin, L. R. Brown, A. Dreimanis, G. Atkinson and D. Armstrong 2002. *Analysis and Reinterpretation of Deformation Features in the Rouge River Valley, Scarborough, Ontario*. Can. J. Earth Sci., 39, 1373-1391.
- Golder Associates 2007. *Pickering Nuclear Generating Station B, Final Report. Analysis of Impingement and Entrainment Impacts on the Lake Ontario Fishery*. April.
- Golder Associates Ltd., 2007a. *Element 3.2 Surface Water 2006 Post-Restart Follow-Up Monitoring Program Pickering A Return to Service*.
- Golder Associates Ltd., 2007b. *Element 5.1 – Terrestrial Environment, 2006 Post-Restart Follow-up Monitoring Program, Pickering A Return to Service*. Report NA44-REP-07701-0196514. February.
- Golder Associates Ltd. 2006a. *Element 3.2 Surface Water 2005 Post-Restart Follow-Up Monitoring Program Pickering A Return to Service*.
- Golder Associates 2006b. *Element 5.1 Terrestrial Environment 2005 Post-restart Follow-up Monitoring Program Pickering A Return to Service*.
- Golder Associates Ltd. 2006c. *Additional Geotechnical Investigation for Main Output Transformers UNITS 5 to7 PNGS, NK30-REP-22841-00008-R000*.
- Golder Associates 2006d. *Application for Amendment for Certificate of Approval (Air and Noise) #6120-5F6TR4 Ontario Power Generation Inc*. April.
- Golder Associates Ltd. 2005a. *Element 3.2 Surface Water 2004 Post-Restart Follow-Up Monitoring Program Pickering A Return to Service*.

-
- Golder Associates 2005b. *Element 5.1 Terrestrial Environment Post-restart Follow-up Monitoring Program 2004 Pickering A Return to Service.*
- Golder Associates 2005c. *Atmospheric Environment Technical Support Document – Environmental Assessment of Bruce A Refurbishment for Life Extension and Continued Operations Project.* December.
- Golder Associates 2005d. *Elements 4.1, 4.3 and 4.4 – Aquatic Environment Post-Restart Follow-up Monitoring Program 2004. Pickering A Return to Service.* Prepared for Ontario Power Generation.
- Golder Associates Ltd. 2004. *Element 3.2 Surface Water 2003 Post-Restart Follow-Up Monitoring Program Pickering A Return to Service.*
- Golder Associates, Ltd. 2003. *Pickering Nuclear Generating Station Follow-up Survey for Confirmation of Hydrological Assessment.*
- Golder Associates, Ltd. 2002a. *Storm Water Flooding Assessment Area 3 – Pickering Nuclear Generating Station.*
- Golder Associates Ltd. 2002b. *Element 3.2 Surface Water Pre-Restart Follow-Up Monitoring Program Pickering A Return to Service.*
- Golder Associates Ltd. 2002c. *Element 3.4 – Water Temperature Follow-up Program Pickering A Return to Service.* Ontario Power Generation.
- Golder Associates Ltd. 2002d. *Element 3.5 Sedimentation Pre-Restart Follow-Up Monitoring Program Pickering A Return to Service Admiralty Brass Emissions Summary of Monitoring Programs.*
- Golder Associates Ltd. 2002e. *Element 3.6 – Storm Water Quality Pre-Restart Follow-up Monitoring Program Pickering A Return to Service.* Ontario Power Generation.
- Golder Associates Ltd. 2002f. *Pickering A Return to Service Pre-Restart Follow Up Monitoring program Element 6.1 and 6.2.*
- Golder Associates Limited 2002g. *Darlington Used Fuel Dry Storage Project EA Technical Support Document: Hydrology, Water Quality and Aquatic Environment.*
- Golder Associates Ltd. 2002h. *Pickering Waste Management Facility Phase II EA Project, Geology, Hydrogeology and Seismicity Technical Support Document.* October.
- Golder Associates Ltd. 2001. *Wave Runup and Overtopping Analysis – Pickering Nuclear Generating Station.*
- Golder Associates Ltd. 2000a. *Pickering A Return to Service Geology, Hydrogeology and Seismicity Technical Support Document.*

-
- Golder Associates Limited 2000b. *Pickering A – Return to Service Environmental Assessment – Aquatic Environment*.
- Golder Associates Limited 2000c. *Pickering A Return to Service Environmental Assessment Technical Support Document: Hydrology and Water Quality*.
- Golder Associates Ltd. 1999. *Pickering Nuclear Generating Station Compliance Assessment*.
- Golder Associates Ltd. 1983. *Oil Shale Assessment Project, Volume 2, Drillholes for Regional Correlation, 1981/82*. Ontario Geological Survey.
- Government of Ontario 2005. *Environmental Protection Act R.R.O. 1990, Regulation 347, General – Waste Management*. Amended to O.Reg. 461/05.
- Grasty, R.L (GAMMA-BOB Inc.) 2000. *Airborne Gamma Ray Survey of the Darlington and Pickering Nuclear Generating Stations*.
- Gray, Gordon L. 2002. *Follow-Up Storm Water Control Study*. Ontario Power Generation.
- Great Lakes Fishery Commission 2006. *Lake Ontario Fish Communities and Fisheries: 2005 Annual Report of the Lake Ontario Management Unit*. Queen's Printer for Ontario, Picton.
- Greater Toronto Airport Authority (GTAA) 2004. *Pickering Airport Plan*. <http://www.yyz.aero/Index.aspx?Sid=Node1/Node1.3/Node1.3.2/Node1.3.2.6&tpl=1>. Accessed March 2007.
- Greenwood, B. and McGillivray, D.G. 1978. *A Theoretical Model of the Littoral Drift System in the Toronto Waterfront Area, Lake Ontario*. J. Great Lakes Research. Volume 4, page 84-102.
- Griffiths, J.S. 1979. *Potential Effects of Unstable Thermal Discharges on Incubation of Lake Whitefish Eggs*. Report No. 79-521-K. Ontario Hydro Research Division.
- Harris, V. 2004. *Cladophora Confounds Coastal Communities – Public Perceptions and Management Dilemmas 5-13 in Cladophora Research and Management in the Great Lakes Workshop at the University of Wisconsin-Milwaukee 2004*.
- Hartwig, P. 2002. *Environmental Health and Safety Program*. Document No. W-PROG-ES-0001, R005. Ontario Power Generation, Nuclear Waste Management Division.
- Health Canada 2003. *Canadian Guidelines for Intervention During a Nuclear Emergency*, Document H46-2/03-32E, Ottawa, Ontario. November.
- Hecky, R.E. 2006. *Will Cladophora Biomass Production Continue to Increase in Lake Ontario?* Prepared for Ontario Power Generation. May 9.

-
- Hecky, R.E. *et al.* 2004. *The Nearshore Phosphorus Shunt: A Consequence of Ecosystem Engineering by Dreissenids in the Laurentian Great Lakes*. Canadian Journal of Fisheries and Aquatic Sciences, Volume 61, Number 7, pp. 1285-1293(9). July 1.
- Hedrick, J.B., U.S. Geological Survey 2000. *Mineral Commodity Summaries, February 2000: Zirconium and Hafnium*.
- Hunter, W.S., 1967. *Pickering GS: The Engineering Properties of the Overburden Soils*. The Hydro Electric Power Commission of Ontario, Research Division Report No. 67-301-K, 13 p.
- Hutcheson, M.S. 1981. *Fish Viability in Intake Waters: Upgrading Screen House Facilities*. Ontario Hydro: Biological Investigations to Improve Once-Through Cooling System Designs for the Great Lakes.
- Indian and Northern Affairs Canada 2007. *First Nation Community Profiles, May 2007*. INAC Website.
- Indian and Northern Affairs Canada 2006. *First Nation Community Profiles, October 2006*, INAC Website.
- Indian and Northern Affairs Canada 1967. *Copy of the Treaty Made October 31 1923, Between His Majesty The King and The Chippewa Indians of Christian Island, Georgina Island and Rama (The Williams Treaty, October 1923)*. IAND Publication No.QS-0582-000-EE-A-17.
- Institute of Electrical and Electronics Engineers (IEEE) Standard 344-1975, *IEEE Recommended Practices for Seismic Qualification of Class 1E Equipment for Nuclear Power Generating Stations*.
- IntelliPulse Incorporated 2006. *Public Attitudes Towards OPG's Plans to Refurbish and Extend the Life of Pickering B*. Baseline Report. Prepared for Gartner Lee Limited, September 2006.
- IntelliPulse Incorporated 2002. *Public Attitudes towards the Proposed Pickering Waste Management Facility II*.
- International Atomic Energy Agency (IAEA) 2002a. *Preparedness and Response to Nuclear or Radiological Emergency, Safety Requirements*. Safety Standards Series No. GS-R-2. Vienna, Austria.
- International Atomic Energy Agency (IAEA) 2002b. *Advisory Material for the IAEA Regulations for the Safe Transport of Radioactive Material*. IAEA Safety Standards Series, Safety Guide, No TS-G-1.1 (ST-2).
- International Atomic Energy Agency (IAEA) 1994. *Handbook of Parameter Values for the Prediction of Radionuclide Transfer in Temperature Environments*.
-

-
- International Panel on Climate Change 2001. *Climate Change 2001, Working Group I: The Scientific Basis*. Cambridge University Press, 572 pp.
- Jaagumagi, R. and J. Sinnige 2003. *Pickering Waste Management Facility Phase II EA Study Hydrology, Water Quality and Aquatic Environment Technical Support Document, 92896-REP-07701-00005 R00*. Ontario Power Generation, Inc.
- Jacques Whitford Environment Limited 2000. *Development of a Generic Screening Criterion for Tritium in Groundwater not Used as Drinking Water*. Prepared for Ontario Power Generation Incorporated, Project No. 33288. August.
- Jaeger, J.A.G., J. Bowman, J. Brennan, L. Fahrig, D. Bert, J. Bouchard, N. Charbonneau, K. Frank, B. Gruber, K. Tluk von Toschanowitz 2005. *Predicting When Animal Populations are at Risk from Roads: An Interactive Model of Road Avoidance Behaviour*. Ecological Modelling 185(2005):329-348.
- Johnston, A., K. Coppersmith, L. Kanter and C. Cornell 1994. *The Earthquakes of Stable Continental Regions. Volume 1*. Electric Power Research Inst. Rpt. TR-102261-V1. Palo Alto, Calif.
- Jude, D.J., R.H. Reider and G.R. Smith 1992. *Establishment of Gobiidae in the Great Lakes Basin*. Can. J. Fish Aquat. Sci. 49:416-421.
- Kassenaar, J.D.C. and E.J. Wexler 2006. *Groundwater Modelling of the Oak Ridges Moraine Area*. CAMC/YPDT Technical Report #01-06.
- Kinetrics 2002. *Entrainment and Impingement 2001 Studies – Pickering Nuclear A*. Kinetrics Report 9139-001-RA-0001-R01.
- King, L.P. 1990a. *Pickering NGS B Post Operational Radiotelemetry Studies, 1986 and 1987*. Biological Research Section, Chemical Research Department, Ontario Hydro, 34 p.
- King, L.P. 1990b. *Pickering Round Whitefish Sampling, Spring, 1989*. Biological Research Section, Chemical Research Department, Ontario Hydro, 15 p.
- King, L.P. and J.K. Kwik 1989. *Fish Discharge Residency Study, Pickering NGS B Post Operational Study, 1988*. Ontario Hydro Research Division, 38 p.
- King, L.P. and J.K. Kwik 1988. *Fish Discharge Residency Study, Pickering NGS B Post Operational Study, 1987*. Ontario Hydro Research Division.
- Kling, G.W., K. Hayhoe, L.B. Johnson, J.J. Magnuson, S. Polasky, S.K. Robinson, B.J. Shuter, M.M. Wander, D.J. Wuebbles, and D.R. Zak. 2003. *Confronting Climate Change in the Great Lakes Region: Impacts on our Communities and Ecosystems*. A Report of the Union of Concerned Scientists, Cambridge, Massachusetts and The Ecological Society of America, Washington, D.C.m92pp.

-
- Kuhns, L., R. Barbiero and M. DiMarino 1999. *Exotic Species*. U.S. EPA.
- Kwik, J.K. 1987. *Pickering NGS B Post Operational Aquatic Study, 1986*. Biological Research Section, Chemical Research Department, Ontario Hydro, 51 p.
- Lakeridge Health Corporation 2001. *Lakeridge Health Corporation (website)*.
- Lane, P.A., C.B. Port and C.K. Minns 1996a. *Nursery Habitat Characteristics of Great Lakes Fishes*. Canadian Manuscript Report of Fisheries and Aquatic Sciences.
- Lane, P.A., C.B. Portt and C.K. Minns 1996b. *Adult Habitat Characteristics of Great Lakes Fishes*. Canadian Manuscript Report of Fisheries and Aquatic Sciences.
- Lawler, D.W. 1990a. *Lake Ontario – Pickering NGS Water Temperatures during the Post-Operational Years 1986 to 1988* (Report No. 90004). Ontario Hydro Civil Engineering and Architecture Department.
- Lawler, D.W. 1990b. *Lake Ontario – Pickering NGS, A Study of Water Temperatures During the Operational Years, 1970 to 1988* (Report No. 90567). Ontario Hydro, Civil Engineering and Architecture Department.
- Lee, H.T., W.D. Bakowsky, J. Riley, J. Bowles, M. Puddister, P. Uhlig and S. McMurray 1998. *Ecological Land Classification for Southern Ontario: First Approximation and its Application*. Ontario Ministry of Natural Resources, South Central Region, Science.
- Lehman, J. 2002. *Mixing Patterns and Plankton Biomass of the St. Lawrence Great Lakes under Climate Change Scenarios*. J. Great Lakes Res. 28(4): 583-596, International Association of Great Lakes Research.
- LGL Limited 1992. *Pickering NGS B Environmental Effects: Support Report*.
- Lozano, S. 1999. *Lake Ontario Benthos: Disturbance in the System*. SOLEC 1998: Environment Canada and U.S. EPA.
- Lozano, S.J. and T.J. Nalepa 1999. *Changes in the Freshwater Benthic Community of Lake Ontario Since the Invasion of Dreissena: 1972-1997*. Abstracts for the American Society of Limnology and Oceanography Aquatic Sciences Meeting.
- Lush, D.L. 1981. *An Ecological Study of the Thermal Discharge Effects on the Macroinvertebrate Populations of the Littoral Zone*. In: *Biological Investigations to Improve Once-Through Cooling System Designs for the Great Lakes*. Ontario Hydro.
- MacLaren Plansearch Ltd. 1988. *Wave Hindcast Data Base for Lake Ontario and Lake Superior, Volume III: Lake Ontario Wave Statistics and Long Term Climatology*. Ontario Ministry of Natural Resources.
- MacLaren Plansearch Ltd. 1981. *An Assessment of the Effects of Pickering A Nuclear Generating Station on the Aquatic Environment*. MacLaren Plansearch.
-

-
- MacViro Consultants Inc. and Jacques Whitford Limited 2006. *Durham Region Residual Waste Study Environmental Assessment Study. Annex D-4 Evaluation of "Alternatives To" Step 3. Report on Social/Cultural Environment.* May 30.
- McCormick Rankin Corporation and Totten Sims Hubicki 2003. *GTAA Toronto/York/Durham Transportation Base Case Final Report – Final.* April.
- McKay, W.A. 1961. *The Pickering Story.* Toronto.
- Mammoet World 2005. *Reference Projects.*
http://www.mammoet.com/index.asp?m_id=6&s_id7=0&page=../reference_projects/search.asp. Accessed: July 2006.
- Manley, R. 2006. Email Providing Recommendation on Baseline Dose. Attachment : *Internal Dose for Pick A vs. B.rtf.* Received Nov. 1/06.
- Marczak, E. 2007. Email: *Revised Collective Dose Estimate for Pickering B Environmental Assessment.* Received March 8th.
- Marczak, E. 2006. Email: *C14 Emission Baseline for EA.* Received Dec. 19/06.
- Marine Environmental Data Service (MEDS) 2006. *Marine Environmental Data Service.* www.meds-sdmm.dfo-mpo.gc.ca/meds/home_e.htm. Accessed 2006.
- Marsden, S.J. 2000. *Impact of Disturbance on Waterfowl Wintering in a UK Dockland Redevelopment Area.* Environmental Management 2b(2):207-213.
- Marshall Macklin Monaghan (MMM) 2006. *PNGS Traffic Counts Analysis.* Memo from Prasenjit Roy to Melissa Mayew, Golder Associates, 15 March 2006. Reported in Golder Associates Ltd. 2006. Element 5.1 – Terrestrial Environment 2005 Post-Restart Follow-up Monitoring Program Pickering A Return to Service. Report NA44-Reb-07701.1-0169054.
- Marshall Macklin Monaghan (MMM) 2002. *Pickering NGS Storage Facility Follow-Up Traffic Monitoring Program.*
- Marshall Macklin Monaghan (MMM) 2000. *Technical Support Document for Land Resources for Pickering A Return to Service EA.* Prepared for Ontario Power Generation.
- Maynard, L. and D. Wilcox 1996. *Great Lakes Coastal Wetlands.* SOLEC 1996: Environment Canada and U.S. EPA.
- Mazumder, A., D.R. Lean, W.D. Taylor and D. Williams 1999. *Dominance of Small Filter Feeding Zooplankton in the Lake Ontario Food Web.* Journal of Great Lakes Research 18(3).
- Métis Nation of Ontario 2006. *The Métis Nation of Ontario.* <http://www.metisnation.org/> Accessed Fall 2006.
-

-
- Michael, H. 1999. Hydrocarbons at the Standby and Emergency Power Generators SG-A, SG-B and EPG at Pickering Nuclear. Wardrop Engineering Inc., 3 p.
- Ministry of the Environment (MOE) 2006a. *Air Quality in Ontario 2004 Report*
- Ministry of the Environment (MOE) 2006b. *Amended Certificate of Approval Industrial Sewage Works (Number 4988-6R6J73) for PNGS B Water Treatment Plant, Building ESB-2.*
- Ministry of the Environment (MOE) 2006c. *Amendment to Certificate of Approval Industrial Sewage Works (Number 4881-5MHQ9F) for PNGS A and B Generating Stations.* July 25.
- Ministry of the Environment (MOE) 2005a. *Summary of O.Reg. 419/05 Standards and Point of Impingement Guidelines & Ambient Air Quality Criteria (AAQCs); Standards Development Branch.* December.
- Ministry of the Environment (MOE) 2005b. *Certificate of Approval Industrial Sewage Works (Number 4881-5MHQ9F) for Pickering A and B Nuclear Generating Stations.*
- Ministry of the Environment (MOE) 2004a. *Air Quality in Ontario 2003 Report.*
- Ministry of the Environment (MOE) 2004b. *Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act.*
- Ministry of the Environment (MOE) 2003a. *Air Quality in Ontario 2001. Report.*
- Ministry of the Environment (MOE) 2003b. *Air Quality in Ontario 2002 Report Appendix.*
- Ministry of the Environment (MOE) 2003c. *Stormwater Management Planning and Design Manual.* March.
- Ministry of the Environment (MOE) 2003d. *Technical Support Document for Ontario Drinking Water. Standards, Objectives and Guidelines.* June.
- Ministry of the Environment (MOE) 2001. *Air Quality in Ontario 2000. Report Appendix.*
- Ministry of the Environment (MOE) 1998. *Procedure for Preparing an Emission Summary and Dispersion Modelling Report.* Ontario Ministry of the Environment.
- Ministry of the Environment (MOE) 1997a. *Guideline for Use at Contaminated Sites in Ontario (Table B Criteria).*
- Ministry of the Environment (MOE) 1997b. *Unpublished Data of the Environment Monitoring and Reporting Branch of the Ontario Ministry of the Environment.*
- Ministry of Environment and Energy (MOEE) 1996. *Rational for the Development and Application of Generic Soil, Groundwater and Sediment Criteria for Use at Contaminated Sites in Ontario.* Ontario Ministry of Environment and Energy.

-
- Ministry of the Environment (MOE) 1995a. *Information to be Submitted for Approval of Stationary Sources of Sound – Publication NPC-233.*
- Ministry of the Environment (MOE) 1995b. *Sound Level Limits for Stationary Sources in Class 1&2 Areas (Urban) – Publication NPC-205.*
- Ministry of the Environment (MOE) 1995c. *Annex to Publication NPC-205 – Sound Level Limits for Stationary Sources in Class 1&2 Areas (Urban).*
- Ministry of the Environment (MOE) 1995d. *Sound Level Limits for Stationary Sources in Class 3 Areas (Rural) – Publication NPC-232.*
- Ministry of the Environment (MOE) 1995e. *Annex to Publication NPC-232 – Sound Level Limits for Stationary Sources in Class 3 Areas (Rural).*
- Ministry of the Environment (MOE) 1978. *Model Municipal Noise Control By-Law, August.*
- Ministry of Environment and Energy (MOEE) 1994 reprinted February 1999. *Water Management - Policies, Guidelines, Provincial Water Quality Objectives of the Ministry of Environment and Energy.*
- Ministry of Finance 2007. *Ontario Population Projections Update, 2005-2031.* <http://www.fin.gov.on.ca/english/economy/demographics/projections/2006/index.html>.
- Ministry of Natural Resources Canada (NRCan) 2000. *FAQ on Uranium Statistics.*
- Ministry of Public Infrastructure Renewal (MPIR) 2006. *Places to Grow. Better Choices. Brighter Future. Growth Plan for the Greater Golden Horseshoe.*
- Ministry of Transportation 2001. *Request for Proposals – Highway 407 Completion.*
- Mississaugas of Scugog Island 2006. *The Mississaugas of Scugog Island First Nation Origin and History.* <http://www.gbhcasinio.com/mississaugas.php>.
- Mohajer, A. 1997. Earthquake Hazard in the Greater Toronto Area. In: *Environmental Geology of Urban Areas*, edited by N. Eyles. Geological Association of Canada, Geotext 3., pp. 409-422.
- Mohajer, A., J. Boyce, and N. Eyles 1995. *Shallow Seismic Reflection Investigation of Bedrock and Quaternary Strata in the Rouge River Valley, Toronto.* Atomic Energy Control Board Rpt. No. 2.263.3.
- Mohajer, A., N. Eyles and C. Rogojina 1992. *Neotectonic Faulting in Metropolitan Toronto: Implications for Earthquake Hazard Assessment in the Lake Ontario Region.* *Geology*, 20, 1003-1006.
- Morrison, W.D. 1974. *Report on Hydrogeologic Investigation, Pickering East Generating Station.* Hydrology Consultants Limited, 10p.

- Mortsch, L., J. Ingram, A. Hebb, and S. Doka (eds.) 2006. *Great Lakes Coastal Wetland Communities: Vulnerability to Climate Change and Response to Adaptation Strategies*. Final Report Submitted to the Climate Change Impacts and Adaptation Program, Natural Resources Canada. Environment Canada and the Department of Fisheries and Oceans, Toronto, Ontario 251 pp. + Appendices.
- National Building Code 1995.
- National Fire Code 1995.
- Natural Heritage Information Centre (NHIC) 2006. *Natural Areas and Element Occurrence Databases*. Ontario Ministry of Natural Resources, Peterborough.
- Natural Resources Canada (NRC) 2005. Canada's Uranium Industry – 2005. <http://www2.nrcan.gc.ca/es/erb/english/view.asp?x=497&old=1188>. Accessed March 2007.
- Neilson, M., L'Italien, S. and Glumac, V. 1995. *Nutrients: Trends and System Response SOLEC 1994: Environment Canada and U.S. EPA*.
- Nalepa, T.F. and D.W. Schloesser (Eds.) 1993. *Zebra Mussel Biology, Impacts and Control*. Lewis Publishers, Ann Arbor, MI 810p.
- New Credit First Nation 2007. www.newcreditfirstnation.com.
- Nuclear Safety Solutions Limited (NSS) 2007. *Update of EPRC 5, 8 and 9 PLEP EA Consequences to Align with PBRA*. Letter to E. Marczak from E. Alderson.
- Nuclear Waste Management Organization (NWMO) 2005. *Choosing a Way Forward. The Future Management of Canada's Used Nuclear Fuel*. Final Study. Submitted to the Ministry of Natural Resources.
- Nudelman, N.S., S.M. Rios and O. Katusich 2002. *Fate of Oil Residuals in Patagonian Soils Effects of the Environmental Exposure Time*. In: Association for Environmental Health and Sciences (AEHS) Magazine. April/May. Retrieved from:
http://www.aehsmag.com/issues/2002/april_may/pantagonian.htm in January 2007.
- Oldham, M.J. and W.F. Weller 2000. *Ontario Herpetofaunal Atlas*. Natural Heritage Information Centre, Ontario Ministry of Natural Resources. <http://www.mnr.gov.on.ca/MNR/nhic/herps/ohs.html> (updated 15-01-2001).
- Ontario Breeding Bird Atlas 2006. <http://www.birdsontario.org/atlas/atlasmain.html>. Accessed July 2006.
- Ontario Geological Survey (OGS) 1983. *Oil Shale Assessment Project Deep Drilling Results 1982/83 Toronto Region*. Ontario Geological Survey.

-
- Ontario Geological Survey (OGS) 1985. *Oil Shale Assessment Project Drillholes for Regional Correlation, 1983/84*. Ontario Geological Survey.
- Ontario Hydro 1998a. *Annual Summary and Assessment of Environmental Radiological Data for 1997*. N-REP-03419-0264 R0. April 29.
- Ontario Hydro 1998b. *Ice storm 1998: A Report on the Electricity Supply Impacts of the January 1998 Ice Storm in Eastern Ontario*. Executive Summary.
- Ontario Hydro 1997a. *Annual Summary and Assessment of Environmental Radiological Data for 1996*. N-REP-03419-0186 R0. April 29.
- Ontario Hydro 1997b. Pickering Nuclear Division: Report No. NK44-REP-07294-0048-R01-*Storm Water Control Study*. Pickering Nuclear Division.
- Ontario Hydro 1995. *Attachment to Work Permit Application – Dredging of the Pickering B Nuclear Generating Station Intake Channel*. Prepared by Environment Department, Nuclear Waste and Environment Services Division.
- Ontario Hydro 1994. *1994 Ontario Hydro Nuclear Fish Impingement Data - Excerpts/Summary Provided by Don Wismer of OPG*. 21 p.
- Ontario Hydro 1973. *Boring Locations at Pickering Nuclear*. Drawing No. NK30 DDH 10120 000. June 26, 1973.
- Ontario Ministry of Culture 2006. *National Site Registration Database*. Search carried out September 2006.
- Ontario Ministry of Culture and Communications 1992. *Guidelines for Preparing the Cultural Heritage Resource Component of Environmental Assessments*. Toronto.
- Ontario Ministry of Natural Resources (OMNR) 2006. *Natural Heritage Information Centre*. [Http://nhic.mnr.gov.on.ca/MNR/nhic/](http://nhic.mnr.gov.on.ca/MNR/nhic/) Accessed July 2006.
- Ontario Ministry of Natural Resources (OMNR) 2005. *Lake Ontario Management Unit 2004 Annual Report*.
- Ontario Ministry of Natural Resources (OMNR) 2000. *Significant Wildlife Habitat Technical Guide*. Fish and Wildlife Branch, Wildlife Section and the Science Development Transfer Branch. Ontario Ministry of Natural Resources. MNR #51438, ISBN# 0-7794-0262-6-6. Queen's Printer for Ontario. 2000.
- Ontario Ministry of Natural Resources (OMNR) 1999. *Lake Ontario Management Unit 1998 Annual Report*.
- Ontario Ministry of Natural Resources (OMNR) 2005. *Lake Ontario Management Unit 2004 Annual Report*.
-

-
- Ontario Ministry of Public Infrastructure Renewal (PIR) 2006. *Places to Grow*. <http://www.pir.gov.on.ca/english/growth/index.html>. Accessed Fall 2006.
- Ontario Ministry of Public Infrastructure Renewal (MPIR) 2006. *The Growth Plan for the Greater Golden Horseshoe*.
- Ontario Power Authority (OPA) 2006. *Ontario's Standard Offer Program, Renewable Energy Projects, Wind Projects*. www.powerauthority.on.ca.
- Ontario Power Generation Inc. (OPG) 2007a. *Preliminary Decommissioning Plan – Pickering NGS A & B. P-PLAN-00960-00001 R000*. March.
- Ontario Power Generation Inc. (OPG) 2007b. *Preliminary Decommissioning Plan – Pickering Waste Management Facility. 92896-PLAN-00960-00001-R000*. March.
- Ontario Power Generation Inc. (OPG) 2007c. *Pickering NGS B Risk Assessment (PBRA)*. Report No. NK30-REP-03611-00002-R02.
- Ontario Power Generation Inc. (OPG) 2006a. *Annual Summary and Assessment of Radiological Data for 2005*. N-REP-03481-10004-R00.
- Ontario Power Generation Inc. (OPG) 2006b. *Dose Limits and Exposure Control*. Nuclear Procedure. N-PROC-RA-0019 R004.
- Ontario Power Generation Inc. (OPG) 2006c. *Project Description for the Pickering B Refurbishment for Continued Operation Environmental Assessment*. Submitted to the Canadian Nuclear Safety Commission.
- Ontario Power Generation Inc. (OPG) 2006d. *Pickering B Safety Report No. NK30-SR-01320-00001-R*. Parts 1 and 2.
- Ontario Power Generation Inc. (OPG) 2006e. *Pickering Nuclear Groundwater Monitoring System Report*.
- Ontario Power Generation Inc. (OPG) 2006f. *Environmental Policy*.
- Ontario Power Generation Inc. (OPG) 2006g. *Nuclear Biodiversity Management Standard Report No. N-STD-OP-0027 R03*.
- Ontario Power Generation Inc. (OPG) 2006h. *Pickering Nuclear Site Biodiversity and Natural Areas Management Plan: 2006-2008*. P-REP-07811-00004-R000.
- Ontario Power Generation Inc. (OPG) 2006i. *Habitat Enhancement Management Program Summary File: P-07002.1*.
- Ontario Power Generation Inc. (OPG) 2006j. *Annual Summary and Assessment of Radiological Data for 2005*. N-REP-03481-10004-R01. November.

-
- Ontario Power Generation Inc. (OPG) 2006k. Groundwater Database (SiteFX). Data Available up to the end of January 2006.
- Ontario Power Generation Inc. (OPG) 2006l. *Pickering NGS A Safety Report. Part 1: Plant/Site Description*. NA44-SR-01320-00001 Rev 12.
- Ontario Power Generation Inc. (OPG) 2005a. *Annual Summary and Assessment of Environmental Radiological Data for 2004*. N-REP-03481-10003-R01. April 28.
- Ontario Power Generation Inc. (OPG) 2005b. *Preparation of Drinking Water Samples for Analysis*. Health Physics Laboratory Procedure. N-HPP-03443.4-10019 ENVM-18 R005.
- Ontario Power Generation Inc. (OPG) 2005c. *Pickering B Safety Report* (Document No. NK30-SR-01320-00001 Rev 001), Part 3.
- Ontario Power Generation Inc. (OPG) 2005d. *Pickering Nuclear Groundwater Monitoring System Report*.
- Ontario Power Generation Inc. (OPG) 2005e. *Conceptual Design of an Environmental Monitoring Program for Non-Human Biota*. N-REP-03443-10002-R00.
- Ontario Power Generation Inc. (OPG) 2005f. *Monitoring of Radioactivity in Effluents Report* No. N-STD-OP-0031 R03 December.
- Ontario Power Generation Inc. (OPG) 2005g. *Pickering NGS B Risk Assessment (PBRA)*. Report No. NK30-REP-03611-00002-R01.
- Ontario Power Generation Inc. (OPG) 2005h. *Heavy Water Management Report 2004*. Report No. N-REP-03880-1007-R00.
- Ontario Power Generation Inc. (OPG) 2005i. *Western Waste Management Facility Refurbishment Waste Storage Project Environmental Assessment Study Report*. Report No. 01098-REP-07701-00002-R01.
- Ontario Power Generation Inc. (OPG) 2005j. Nuclear Program. *Risk and Reliability Program* N-PROG-RA-0016, R05.
- Ontario Power Generation Inc. (OPG) 2004a. *Water Treatment Plant OPEX Summary Report*. Report No. N-REP-74000-10001-R00.
- Ontario Power Generation Inc. (OPG) 2004b. *Pickering Nuclear Groundwater Monitoring System Report*.
- Ontario Power Generation Inc. (OPG) 2004c. *Annual Summary and Assessment of Environmental Radiological Data for 2003*. N-REP-03481-10002-R01. April.

-
- Ontario Power Generation Inc. (OPG) 2003a. *Pickering Waste Management Facility Phase II Final Environmental Assessment Study Report*. Report No. 92896-REP-07701-00002-R01.
- Ontario Power Generation Inc. (OPG) 2003b. *OPG Pickering Nuclear Site Biodiversity and Natural Areas Management Plan: 2003-2005*. Report No. P-Rep-07811-00001-R000 R0. March.
- Ontario Power Generation Inc. (OPG) 2003c. *Pickering Nuclear Groundwater Monitoring System Report*.
- Ontario Power Generation Inc. (OPG) 2003d. *Annual Summary and Assessment of Environmental Radiological Data for 2002*. N-REP-03419-10003-R01. April.
- Ontario Power Generation Inc. (OPG) 2002a. *Darlington Used Fuel Dry Storage Project Draft Environmental Assessment Study Report, Volume 1 Main Report*, November.
- Ontario Power Generation Inc. (OPG) 2002b. *Pickering Nuclear Groundwater Monitoring System Report*.
- Ontario Power Generation Inc. (OPG) 2002c. *Nuclear Waste Management System Plan*. No. N-REP-03460-10000-R03.
- Ontario Power Generation Inc. (OPG) 2002d. *Annual Summary and Assessment of Environmental Radiological Data for 2001*. N-REP-03419-10002-R00. April.
- Ontario Power Generation Inc. (OPG) 2001a. *Pickering Nuclear Groundwater Monitoring System Report*.
- Ontario Power Generation Inc. (OPG) 2001b. *Annual Summary and Assessment of Environmental Radiological Data for 2000*. N-REP-03419-10001-R00. April.
- Ontario Power Generation (OPG) 2001c. *Feedwater Chemistry Optimization – Pickering B*. NK30-REP-36000-00003-R00. December.
- Ontario Power Generation Inc. (OPG) 2000a. *Pickering A Return to Service Environmental Assessment*.
- Ontario Power Generation Inc. (OPG) 2000b. *Pickering A – Return to Service Environmental Assessment, Technical Support Document Terrestrial Environment*. April.
- Ontario Power Generation Inc. (OPG) 2000c. *Biodiversity Policy*. January 2000.
- Ontario Power Generation Inc. (OPG) 2000d. *Annual Summary and Assessment of Environmental Radiological Data for 1999*. N-REP-03419-10000-R00. April.
- Ontario Power Generation Inc. (OPG) 2000e. *Pickering Waste Management Facility Phase I Environmental Assessment*.
-

-
- Ontario Power Generation Inc. (OPG) 2000f. *Pickering NGS – Pressure Relief Duct Seismic Assessment – Non-Synchronous Ground Motion*. P-REP-25240-10001 Rev 01.
- Ontario Power Generation Inc. (OPG) 1999a. *1998 Annual Report on the Landfill Perpetual Care Program*. 16 p.
- Ontario Power Generation Inc. (OPG) 1999b. *Nuclear Waste Management System Plan*.
- Ontario Power Generation Inc. (OPG) 1999c. *Significant Emerging Environmental Issues*.
- Ontario Power Generation (OPG) 1999d. *Annual Summary and Assessment of Environmental Radiological Data for 1998*. April. N-REP-03419-0597-R00.
- Ontario Power Generation (OPG) 1999e. *Interim Derived Release Limits for Pickering Nuclear Generating Station B*. December. NK30-REP-03482-10001-R00.
- Ontario Power Generation (OPG) 1999f. *Project Execution Plan OPG Nuclear Contaminated Land Integrated Improvement Program*. N-EV-009 Rev 0.
- Ontario Power Generation Inc. (OPG), 1999g, OPG Report, *An Estimate of Carbon-14 Inventory at OPG, Nuclear Sites: 1971 – 1996*, CD# N-REP-03400.1-10001, December 15, 1999.
- Ontario Power Generation Inc. (OPG) 1998. *Seismic Assessment of Pickering ‘A’ Nuclear Generating Station*. NA44-REP-02004-0073. February.
- Ontario Power Generation Inc. (OPG) 1979. *Report on Pickering Generation Station “B” Reactor Building Seismic Analysis*. D&D Report 74089 Rev. 01. January.
- Ontario Water Works Research Consortium (OWWRC) 2007. *Understanding Attached Algae* www.owwrc.com/AA.htm.
- Osif, B., A. Baratta and T. Conkling 2004. *TMI 25 Years Later The Three Mile Island Nuclear Power Plant Accident and Its Impact* The Pennsylvania State University Press University Park, Pennsylvania.
- Painter, D.S. and Jackson, M.B. 1989. *Cladophora Internal Phosphorus Modeling Verification*. Journal of Great Lakes Research 15(4), pp. 700-708.
- Patrick, Paul 2002. *Metal Concentrations in Sediments and Other Endpoints in the Vicinity of Pickering NGS A - Progress Report*. Ontario Power Generation.
- Pin, A.J., 1998. *Pickering Nuclear Division-A Phase II Environmental Site Assessment Standby Generator Subsite*. Pickering Nuclear Division-A, 50 p.
- Polack, A. 2006. Email providing recommended baseline emissions for Particulate in Air. Received Nov. 6/06.

- Pope, G.F. 1989. *Pickering NGS B Post-Operational Environmental Monitoring: Impact of Angling on Salmonids*. Environmental Studies and Assessments Department, Ontario Hydro, 39 p.
- Province of Ontario 1999. *Province of Ontario Nuclear Emergency Plan: Part I Provincial Master Plan and Part II - Pickering Nuclear Emergency Plan*. Queen's Printer for Ontario.
- Region of Durham Planning and Works Department and Totten Sims Hubicki 2005. *The Regional Municipality of Durham Transportation Master Plan – Consolidation*. November.
- Regional Analytics 2004. *A Profile of the Labour Market in the Durham Region Local Training Board Area*. September.
- Regional Municipality of Durham Region (Region of Durham) 2005. *Transportation Master Plan, 2005 Consolidation*.
- Riley, J.L. 1989. *Distribution and Status of the Vascular Plants of Central Region, Ontario*. Ministry of Natural Resources, Parks and Recreation Areas Section, Central Region, Richmond Hill, Ontario. Report 110 p.
- RIS International Ltd. 2004. *The Private Sector IC&I Waste Management System in Ontario*. A Report prepared for the Ontario Waste Management Association, August.
- Rowe, J.S. 1972. *Forest Regions of Canada*. Department of the Environment, Ottawa, 172 p.
- Salmon, C. 1999. *Rouge Valley Health System-Ajax Site (Letter from Carmen Salmon)*.
- Schaap, P.R., J.J. Waren and J.H. Neil 1989. *Access Point Creel Survey of the Winter Fishery Adjacent to the Pickering Nuclear Generating Station*. Limnos Limited, 41 p.
- Schaner, T. and B.F. Lantr 2005. *Pelagic Planktivores In: Lake Ontario Management Unit 2005 Annual Report*. Ontario Ministry of Natural Resources, Queen's Printer for April, 2006.

-
- SENES Consultants Limited (SENES). 2004. *Environmental Effects Monitoring at Hydro Marsh*.
- SENES Consultants Limited (SENES) 2002. *Tier 3 Ecological Risk Assessment of Pickering Nuclear Phase IV*.
- SENES Consultants Limited (SENES) 2001. *Tier 2 Ecological Risk Assessment of Pickering Nuclear, Phase (iii)*. Ontario Power Generation, Pickering, Ontario, Canada. November.
- SENES Consultants Limited (SENES) 2000. *Pickering A – Return to Service Atmospheric Environment Technical Support Document*. April.
- SENES Consultants Limited (SENES) 1999. *Pickering Nuclear Facility Risk Management 1999 Pilot Study*. Submitted to Ontario Power Generation. December.
- SENES Consultants Limited (SENES) 1998. *Environmental Program and Performance Summary: Pickering Nuclear Generating Station Volume 1: Environmental Program Review*. Submitted to Ontario Power Generation.
- SENES Consultants Limited and Gartner Lee Limited 1998. *Environmental Review, Pickering Nuclear Generating Station, Volume 2, Biophysical Review and Environmental Action Plan*.
- Schaner, T. and B.F. Lantry 1999. *Pelagic Plantivores: In: Lake Ontario Management Unit 1998 Annual Report*. Ontario Ministry of Natural Resources, Queen's Printer for Ontario.
- Simcoe Engineering Group Ltd., 1991 Environmental Study Report for the Water Supply Plant to Serve the Pickering/Ajax Area (vol 2). The Regional Municipality of Durham, 12 p.
- Sorensen, J., J. Soderstrom, E. Copenhaver, S. Carnes, and R. Bolin 1987. *Impacts of Hazardous Technology The Psycho-Social Effects of Restarting TMI-1* State University of New York Press.
- Statistics Canada 2006a. *Census – 2001*. <http://www12.statcan.ca/english/profil01>. Accessed September 2006.
- Statistics Canada 2006b. *GeoSuite 2006 Census, 92-150-XCB*.
- Statistics Canada 2002. *2001 Census Labour Force Statistics (by Ontario Census Divisions, Subdivisions and Census Tracts)*.
- Stephenson, T.D. 1990. *Fish Reproductive Utilization of Coastal Marshes of Lake Ontario Near Toronto*. Journal of Great Lakes Research 16(1), pp. 71-81.

- Stephenson, T.D. 1988. *Fish Utilization of Toronto Area Coastal Marshes*. University of Toronto.
- Strickert, R.J. 1999. *Pickering A - Basis for Return to Service Document, Revision 1*. (CD# P-NA44-CORR-00531-00020). OPG.
- Swami, L., 1997. *1997 Annual Report: Landfill Perpetual Care Program*. Ontario Hydro Nuclear, 13 p.
- The Corporation of the City of Pickering and OPG 2005. *Memorandum of Understanding Fire Protection and Community Emergency Management*. January 1, 2005 to December 31, 2005.
- The Corporation of the Village of Pickering 1970. *The Village of Pickering*.
- The Federal-Provincial-Territorial Committee on Climate Change and Environmental Assessment (FPTCCCEA) 2003. *Incorporating Climate Change Considerations in Environmental Assessment: General Guidance for Practitioners*.
- Tichler, J. 1993. *Radioactive Materials Released from Nuclear Power Plants, Annual Report 1990*. Document No. NUREG/CR-2907. Prepared by Brookhaven National Laboratory, Upton, New York, for the U.S. Nuclear Regulatory Commission.
- Toronto and Region Conservation Authority (TRCA) 2000. *Biodiversity Monitoring Program for the Pickering Nuclear Site*.
- Toronto and Region Conservation Authority (TRCA) 1999a. *Biodiversity Survey, PNGS and Adjacent Lands: Preliminary Data*.
- Toronto and Region Conservation Authority (TRCA) 1999b. Unpublished Electrofishing data. Toronto and Region Conservation Authority.
- Toronto and Region Conservation Authority (TRCA) 1996. *Integrated Shoreline Management Plan: Tommy Thompson Park to Frenchman's Bay*.
- Toronto Real Estate Board 2006. <http://www.torontorealestateboard.com/>. Accessed August 2006.
- Totten Sims Hubicki (TSH) 2007. *407 East Environmental Assessment*. http://www.407eastea.com/study_schedule.html. Accessed March 2007
- Town of Ajax 2007. *Town of Ajax Emergency Plan*. <http://www.townofajax.com/Page71.aspx>. Accessed February 2007.
- Town of Ajax 2005. *Town of Ajax Official Plan*. Office Consolidation. .
- Town of Ajax 2002. *The Founding of Pickering Village*.
<http://www.townofajax.com/history/pickering.asp>. Accessed Fall 2006.

- Town of Pickering 1998. *Pickering Waterfront 2001*.
- Town of Whitby 2002. *The Corporation of the Town of Whitby Emergency Plan*.
<http://www.whitby.ca/upload/downloads/060301-41-279.pdf>. Accessed Fall 2006.
- Transport Canada 2005. *Transportation of Dangerous Goods Regulations*. Consolidated to include Amendment 5. Website: <http://www.tc.gc.ca/tdg/clear/tofc.htm>. Accessed: July 2006.
- Traut, A.H. and M.E. Hostetler 2003. *Urban Lakes and Waterbirds: Effects of Development on Avian Behaviour*. *Waterbirds* 26(3): 290-302.
- Turner, D.B. 1964. *A Diffusion Model for an Urban Area*. *Journal of Applied Meteorology*. February.
- United States Army Corps of Engineers 1998. Impacts. *U.S. Army Corps of Engineers, Waterways Experiment Station*.
- United States Army Corps of Engineers 1992. *Automated Coastal Engineering System*. U.S. Army Corps of Engineers – Coastal Engineering Research Center.
- United Nations Scientific Committee on the Effects of Atomic Radiation (UNSCEAR) 1996. *Sources and Effects of Ionizing Radiation - Effects of Radiation on the Environment*. United Nations Scientific Committee on the Effects of Atomic Radiation. Report E.96.IX.3, New York, United Nations.
- United Nations World Commission on Environment and Development (UN WCED) 1987. *Our Common Future*. UN General Assembly document A/42/427.
- United States Environmental Protection Agency (U.S. EPA) 2007. *Integrated Risk Information System - IRIS on-line database*.
- United States Environmental Protection Agency (U.S. EPA) 1997. *Exposure Factors Handbook*. EPA/600/P-95/002RA. August.
- United States Environmental Protection Agency (U.S. EPA) 1995a. *Compilation of Air Pollutant Emission Factors AP-42*, Fifth Edition, Volume I: Stationary Point and Area Sources.
- United States Environmental Protection Agency (U.S. EPA) 1995b. SCREEN3 Model User's Guide.
- United States Environmental Protection Agency (U.S. EPA) 1995c. User's Guide for the Industrial Source Complex (ISC3) Dispersion Models, Volume II. United States Environmental Protection Agency (USEPA).
- United States Environmental Protection Agency (U.S. EPA) 1987. *On-site Meteorological Program Guidance for Regulatory Modelling Applications*.

- United States Environmental Protection Agency (U.S. EPA) 1986. *Quality Criteria for Water Office of Water Regulations and Standards*, Washington, D.C., EPA 440/5-86-001.
- United States Environmental Protection Agency (U.S. EPA) 1983. *Water Quality of Typical Urban Runoff* – US EPA NURP (1983).
- United States National Council on Radiation Protection (U.S. NCRP) 1980. *Influence of Dose and its Distribution Time on Dose-Response Relationships for Low-Let Radiations*. United States National Council on Radiation Protection and Measurements.
- United States Nuclear Regulatory Commission (U.S. NRC) 1999. *Generic Environmental Impact Statement for Licensing Renewal of Nuclear Plants, Oconee Nuclear Station*. Draft Report for Comment, NUREG-1437 Supplement 2.
- United States Nuclear Regulatory Commission (U.S. NRC) 1996. *Generic Environmental Impact Statement for License Renewal of Nuclear Plants*. Document No. NUREG-1437, Vol. 1.
- University Network of Excellence in Nuclear Engineering (UNENE) 2006. <http://www.unene.ca/about/about.htm>
- Wallach, J., A. Mohajer and R. Thomas 1998. *Linear Zones, Seismicity and the Possibility of a Major Earthquake in the Intraplate Western Lake Ontario Area of Eastern North America*. *Can. J. Earth Sci.*, 35, 762-786.
- Wardrop Engineering Inc. 1999. *Landfill Environmental Site Assessment, Response to third party comments*. Wardrop Engineering Inc., 23p.
- Wardrop Engineering Inc. 1998a. *Landfill Environmental Site Assessment, Volume I: Executive Summary*.
- Wardrop Engineering Inc. 1998b. *Landfill Environmental Site Assessment, Volume IV: Field Data*.
- Waterfront Regeneration Trust 1995. *A Guidebook: The Waterfront Trail Explore Yesterday Today & Tomorrow Along the Shores of Lake Ontario*. Waterfront Regeneration Trust.
- Wiancko, P.M. 1999. *Summary of the 1998 Zebra Mussel Research at Ontario Hydro*. Environment Affairs Department, OPG, 15 p.
- Wismer, D.A., N.C. Garisto and F.J. Bajurny 2005. *Application of Ecological Risk Assessment to Establish Non-Human Environmental Protection at Nuclear Generating Stations in Ontario, Canada*. Radioprotection Supplement 1, Vol. 40, pp. S695-S700.

- Wismer, D. 2004. *Priority Ranked List of Significant Natural Areas and Species*. N-LIST-07811-10000 R00. Ontario Power Generation. July 2004.
- Wismer, D.A. 1998. *Pickering Nuclear Site Biodiversity and Natural Areas Management Plan*. Ontario Power Generation, 34 p.
- World Health Organization (WHO) 1946. *World Health Organization Constitution, Adapted by the International Health Conference held in New York from 19 June to 22 July 1946*, Signed on 22 July 1946 by the representatives of 61 state (off. Rec. Wld Hlth Org., 2, 100).
- World Nuclear Association (WNA) 2006. *Supply of Uranium*. <http://www.world-nuclear.org/info/inf75.htm>. Accessed November 2006.
- Wright, J.V. 1972. *Ontario Prehistory: An 11,000 Year Archaeological Outline*. National Museum of Canada. Ottawa.