

Anthony S. Burgess

Education B.Sc., Geology, University of Durham, United Kingdom, 1966.
Ph.D., Geology (Engineering Geology and Geohydrology), University of Durham, United Kingdom, 1970.

Affiliations Professional Engineer: Washington.
Licensed Geologist (Hydrogeology and Engineering Geology): Washington
Association of Groundwater Scientists and Engineers.
Fellow, Geological Society, UK

Experience

1998 to date	Anthony Burgess Consulting Inc. <i>President</i> Management, technical direction and independent review for hydrological, environmental and geotechnical projects, including: surface water and groundwater management for development and resource extraction projects, multi-party site remediation projects; technical support to attorneys for litigation matters (construction claims, insurance coverage relating to site cleanup, and allocation of remedial costs for contaminated sites).	Redmond, Washington
1984 to 1998	Golder Associates <i>Principal</i> Management, technical responsibility, and review for projects involving surface water and groundwater; site remediation; radioactive and hazardous waste disposal. Specific project experience included hydrogeological characterization and monitoring well systems; design and construction QC of slurry wall and interceptor trench/well systems for control of groundwater contamination; development of surface water and groundwater management systems: RI/FS for NPL and state priority sites; technical assistance to industrial clients and attorneys for negotiation with regulatory agencies and litigation; environmental assessments; landfill design and leachate management; underground storage tank investigations and remediation.	Redmond, Washington
1977 - 1984	Acres Consulting Services <i>Senior Geotechnical Engineer, then Head, Technical Development Department</i> Staff responsibility for multi-disciplinary group undertaking a wide variety of projects, including software development and modeling for heat and mass transfer, stress and structural analysis, system simulation, and database management. Technical responsibility for projects and work tasks in surface water, groundwater contamination, waste disposal, mine and construction site dewatering, geotechnical studies for underground oil storage in rock caverns, nuclear and hydroelectric generating plants.	Niagara Falls, Canada
1973 - 1977	Crippen Acres Engineering <i>Geotechnical Engineer</i> Site and design engineer for large cofferdams and earthfill structures. Coordination of civil, mechanical, geotechnical, hydraulic, and electrical work for river diversion and reservoir impounding at hydroelectric station.	Winnipeg, Canada
1972 - 1973	Geocon <i>Senior Soils Engineer</i> Organization and supervision of site investigations and laboratory testing.	Fredericton, Canada
1969 - 1972	Ove Arup and Partners <i>Soils/Geological Engineer</i> Supervision of site investigations and test piling, analysis of ground movement around deep excavation.	London, United Kingdom

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Experience in Surface Water, Groundwater and Environmental Projects

- 1998 – present Various ongoing confidential litigation related projects
- 2011 – 2013 Retained by attorneys for the defendants in litigation related to alleged historical releases from service stations, WA
- 2011 – present Preparation of groundwater sections of environmental impact statement for in-situ uranium leaching project, WY
- 2011 Review of basis for stormwater tax, logging company, Ravensdale, WA
- 2010 – 2011 Development of groundwater models for mine pit slope stability analyses, El Galeno Project, Peru
- 2010 – 2011 Retained by plaintiffs in litigation related to stormwater tax basis, Ocean Shores, WA
- 2009 – 2011 Technical assistance for preparation of stormwater drainage design, Arlington, WA
- 2009 – 2011 Prepared an opinion on the potential impacts to groundwater from habitat restoration of salt marsh area, Leque Island, WA
- 2009 Review of groundwater impacts from wetland improvement, San Juan County, WA
- 2008 – 2010 Review of geological and groundwater data to develop groundwater model for gravel pit expansion, King County, WA
- 2008 – present Independent review of proposed Cleanup Action Plan for industrial property adjacent to the Duwamish Waterway, Tukwila, WA
- 2008 Chairman of panel for peer review of conceptual hydrogeological model of the Culebra formation, Waste Isolation Pilot Project, Carlsbad, NM
- 2007 – 2009 Coordination of surface water and groundwater modeling, and preparation of earth and water sections of an EIS for a master planned community, Yelm, WA
- 2007 – present Retained by Snohomish County as peer reviewer of geotechnical, surface water and groundwater aspects of EIS for planned residential development, Mukilteo, WA
- 2007 Member of panel for peer review of technical basis for damage rock zone around disposal rooms and radionuclide release to the environment from drilling cavings resulting from borehole intrusion, Waste Isolation Pilot Project, Carlsbad, NM
- 2007 Preliminary feasibility study and cost estimates for relocation of coal spoil pile and associated pond with historical use for disposal of oily wastes, Black Diamond, WA

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2007	Review of costs associated with site remediation of site contaminated with heavy metals and radioactive materials, CO
2006	Retained as expert in litigation for cleanup costs associated with use of contaminated soil as fill, Renton, WA
2006	Review of mitigation costs associated with sediment discharge that impacted surface water during highway construction, ID
2006	Review of geochemical conditions related to spoils disposal at surface mine site, Ravensdale, WA
2005 – 2006	Technical assistance related to claim for damages for contamination of municipal supply wells, Moses Lake, WA
2005 – 2006	Assessment of groundwater conditions related to bridge foundations in historical mining area, Route 249, MI
2005 – 2006	Review of RI/FS of mine tailings site, northeast WA.
2005	Technical review of documents relating to insurance claim for cleanup, port facility, WA
2004 – 2008	Retained as expert for review of documents and preparation of opinions relating to attainment of MTCA cleanup, remediation costs and consistency with MTCA, Puget Sound Resources and Port of Seattle, WA
2004 – 2006	Technical review for groundwater aspects of shaft and tunnel construction, Eastside CSO, Portland, OR
2003 – 2004	Evaluation of potential groundwater source for Dungeness Fish Hatchery, Sequim, WA
2003	Retained as expert in cost recovery action from alleged release from degreaser and resulting impacts to soil and groundwater, Hayward, CA
2002 – 2003	Consultant to Industrial Economics Inc. for evaluation of remedial alternatives and costs in claims to United Nations Compensation Commission by Kuwait and Saudi Arabia for terrestrial, groundwater and marine damages resulting from Iraqi aggression
2002	Review of potential impacts to client's property and operations from releases of petroleum hydrocarbons to soil and groundwater at adjacent property, Chelan, WA
2002 - 2004	Hydrogeological consultant for evaluation of impacts to surface and ground water, proposed Fire Training Facility, Seattle, WA
2001 – 2004	Retained as expert for defense of toxic tort claim relating to pesticide use in pineapple growing operations, HI

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- 2001 – present Technical assistance for analysis of release of petroleum products and chlorinated solvents, confidential client, MN
- 2001 – 2002 Estimation of inflow volumes to mine shaft and potential benefits of grouting to reduce flow, Sperry, IA
- 2001 – 2002 Technical review for groundwater aspects of shaft and tunnel construction, Westside CSO, Portland, OR
- 2001 – 2002 Technical assistance and review of cost estimates for bulk fuel site cleanups, confidential client, AK, CA, OR, WA,
- 2001 Retained as expert to provide opinion on cleanup costs related to condemnation action, Everett, WA
- 2001 Adjunct professor, Seattle University, taught 400 level class on solid and hazardous waste management, for professor on leave
- 2000 – 2003 Technical assistance and review of remedial investigation and contract documents for closure of TCE-contaminated community water supply well and installation of replacement well, Moses Lake, WA
- 2000 – 2002 Retained as fact and expert witness by counsel for semiconductor manufacturer in insurance coverage litigation, Mountain View CA
- 2000 Technical assistance to counsel for insurance carrier; review of cleanup cost estimates for 85 service stations, WA, OR, NV
- 2000 Expert witness to counsel for tenant of property impacted by releases of chlorinated solvents, Mountain View, CA
- 1999 Expert witness to counsel for one party in allocation litigation; wood treating and petroleum hydrocarbon contamination, Everett, WA
- 1999 – 2000 Expert witness for plaintiff in insurance coverage litigation; release of chlorinated and non-chlorinated solvents from semiconductor manufacturing facility, Santa Clara, CA
- 1999 – 2000 Preparation of surface water management plans for residential developments, Olympia, Lacey, Puyallup, WA
- 1999 – present Preparation of surface water and groundwater sections of permit submissions for sand and gravel pit and rock quarry developments, King County, Snohomish County, Pierce County, Lewis County, Washington
- 1998 – present Senior Consultant for development of cleanup levels, negotiation of Consent Decree and pilot testing of groundwater extraction, soil vapor extraction, biosparging, in-situ air sparging and biotreatment at former bulk fuel terminal, Pasco, WA

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1998 – 1999	Technical assistance to counsel for parties in allocation litigation involving petroleum hydrocarbons and PAHs, Tacoma, WA
1998	Technical assistance and review of contract documents for contractor submitting changed conditions claim in connection with dewatering for excavation, Grand Mound, WA
1997 – 1999	Principal-in-charge and senior consultant for natural attenuation pilot test and focussed feasibility study of DCA release at rail car spill site, Fort Langley, British Columbia
1997	Review of hydrogeological conceptual model for high level radioactive waste disposal facility, Sellafield, UK
1997 – 1998	Principal-in-charge of RI/FS of releases of EDB and DCP to soil and groundwater, Hawaii
1996 - 2003	Project Manager and Senior Consultant for RI/FS of zinc smelter and fertilizer plant, DePue, IL
1996 – 1998	Technical review of RI/FS of closed landfill, Hansville, Washington
1996 – 2002	Expert witness retained by attorneys for state petroleum cleanup fund for litigation related to releases from service stations, Idaho
1996 – 1997	Expert witness for litigation related to releases from three service stations, Yakima, Washington
1996	Expert witness for litigation related to releases of metals from lithopone manufacturing plant, Oakland California
1995	Expert witness of impacts to site and adjacent sediment from use of slag at log sort yard, Tacoma, Washington.
1995 – 1996	Expert witness for litigation relating to migration of groundwater contaminant plume onto adjacent property, San Jose, California
1994 -1996	Project Manager, Feasibility Study for Source Area Containment, Tulalip Landfill, Washington.
1994 -1998	Project Manager / Senior Consultant, Early Action and RI/FS for Blackbird Mine, Salmon, Idaho.
1994 - 1995	Expert witness for evaluation of cleanup costs resulting from basement flooding after water main break, San Jose, California.
1994 - 1995	Principal-in-charge for preparation of design reports and bid documents for barrier wall at NPL site, Issaquah, Washington.

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- 1994 - 1995 Project Manager for preparation of Groundwater Monitoring Plan, US Army Corps of Engineers, Umatilla Landfill, Oregon.
- 1994 - 1997 Principal-in-charge, hydrogeological characterization for proposed Adams County Regional Landfill, Washtucna, Washington
- 1994 - 1995 Task manager for groundwater modeling of proposed barrier wall and groundwater extraction system to control radionuclide release to Columbia River, Hanford, Washington.
- 1994 Member of Technical Review Panel, N-Springs remediation, Hanford, Washington.
- 1994 Technical review for litigation support in connection with contaminated site, Portland, Oregon.
- 1993 – 1995 Principal-in-charge for the investigation, review of remedial actions and negotiations with state regulatory agency, following release of petroleum product from a service station, Sandpoint, Idaho.
- 1993 - 1994 Technical support for cost allocation mediation for commingled solvent plumes (primarily TCE, TCA), Palo Alto, California.
- 1991 - 1995 Principal-in-charge of consultant team retained by PLP group for MTCA RI/FS, Landsburg Mine, Washington.
- 1991 - 1993 Technical support to attorneys; groundwater contamination and closure of landfill, Hansville, Washington.
- 1990 - 1994 Technical reviewer for Golder subcontract, Westinghouse Hanford, for work plans, RI/FS reports and risk assessments.
- 1992 Testimony at Shoreline Hearing for gravel pit expansion, Yakima, Washington.
- 1992 Project Manager for risk assessment of release of Bunker C fuel oil to karstic bedrock, The Pas, Manitoba.
- 1992 Project Manager for study of impacts to aquifer from discharge of storm water to sumps, Portland, OR.
- 1991 - 1992 Project Manager, MTCA closure of trench containing wood treating wastes.
- 1991 Review of hydrogeological impacts of proposed oil pipeline from west of Port Angeles to the Canadian Border.
- 1991 - 1992 Technical review of groundwater modeling of releases from hazardous waste facility, Munchehagen, Germany.
- 1991 Technical review of feasibility study for oil production facility with arsenic contamination Elk Hills, California.

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- 1991 Expert witness, release of petroleum hydrocarbons to soil and groundwater, Kent, Washington.
- 1990 - 1995 Groundwater monitoring plan and semiannual review of monitoring data, Columbia Ridge Landfill, Arlington, Oregon.
- 1990 - 1991 Project Director for investigation and preparation of corrective action plans for multi-tenant site, Portland, Oregon.
- 1990 - 1991 Technical assistance for review of investigation data and soil gas survey at site with chlorinated solvent contamination in groundwater, Mountain View, California.
- 1990 - 1991 Technical review of interceptor well system for groundwater containing solvents and arsenic, Industriplex, Woburn, Massachusetts.
- 1990 - 1991 Technical support to attorneys; litigation of responsibility for releases of chlorinated solvents (TCE,TCA) to soil and groundwater, Visalia, California.
- 1990 - 1991 Technical review of investigation and proposed remediation, wood treating facility, Marysville, California.
- 1990 - 1991 Expert witness testimony, extent of contamination and estimate of remediation costs, petroleum and solvent recycling facilities, Tacoma, Washington.
- 1990 Technical manager, preparation of contract documents for low temperature thermal treatment for hydrocarbon contaminated soils, March AFB, California.
- 1989 - 1993 Member of EPA Panel for review of applications from universities and industry for research grants.
- 1989 - 1990 Technical review of risk assessment of soil, surface water and groundwater releases, Canada Creosote, Calgary.
- 1989 Technical review and assistance for RCRA facilities investigation of disposal well, Anacortes, Washington.
- 1988 - 1989 Project Director for environmental services contract, Westinghouse Hanford Company; task order assignments included RI/FS work plan preparation for hazardous and mixed waste sites, RCRA Part B Permit applications, process waste water treatment and disposal alternatives evaluation, health and safety training, sampling plans, QA/QC procedures development.
- 1988 - 1989 Technical responsibility for evaluation of remedial action alternatives, Expo 86' site, Vancouver, B.C., contaminated with coal tar wastes, (PAHs, cyanide and heavy metals).
- 1987 - 1989 Project Director for investigation, evaluation of remedial alternatives and implementation of interim remedial actions including groundwater pumping and

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- biological treatment, and soil vapor extraction, paint manufacturing facility, Santa Clara, California.
- 1987 - 1989 Development of groundwater monitoring plan using stochastic approach, Arlington, Oregon.
- 1985 - 1989 Project Manager for analysis and interpretation of groundwater contamination by VOC's, including preparation of IRM report and design and construction management of slurry wall/groundwater extraction systems at a semiconductor manufacturing facility, California.
- 1987 - 1988 Project Director for investigation, remedial alternatives evaluation, and soils cleanup of cyanide and solvent releases, metal fabrication plant, Napa, California.
- 1988 Technical review for attorney of stream erosion attributed to quarrying operations, Oakland, California.
- 1987 Technical assistance for investigation and remedial alternatives evaluation, PCB spill in fractured dolomite aquifer, Smithville, Ontario.
- 1987 Review for attorney of investigation results, chlorinated solvent spills, Tacoma, Washington.
- 1984 - 1987 Program Manager of contract for Washington Department of Ecology for remedial investigations and feasibility studies of abandoned hazardous waste sites including:
- Colbert Landfill, Spokane; groundwater contamination of organic solvents, primarily TCE.
- Restover Truckstop, Tumwater; groundwater contamination by gasoline and diesel.
- Northside landfill, Spokane; contamination of sole source aquifer by landfill leachate, including organic solvents.
- Greenacres Landfill, Spokane; geophysical survey and hydrologic budget for site contaminating nearby well with organic solvents.
- North Market Street, Spokane; preliminary assessment of area experiencing groundwater contamination by petroleum products.
- Ellisforde (Tibbs) Landfill; preliminary investigation for groundwater contamination by pesticides.
- B&L Woodwaste Landfill, Fife; evaluation and conceptual design and cost estimate for interim action.
- 1986 Expert testimony, gasoline spill, Nome, Alaska.
- 1986 Review for attorney of soil contamination by PAH's, Seattle, Washington.

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- 1984 - 1986 Review and analyses of hydrogeological characterization for RCRA Part B Permit Application for hazardous waste disposal facility, Oregon.
- 1985 Project Manager for geophysical and hydrogeological investigation of volatile organic solvent contamination, McChord AFB, Washington.
- 1985 Technical review of groundwater studies at chemical plant, Soda Springs, Idaho.
- 1985 Project Manager for leachate management study, Vashon Landfill, Washington.
- 1984 - 1985 Project Manager for engineering design study of coal tar pond, Sydney, Nova Scotia, including surface and groundwater evaluation and sampling, assessment of releases of PAH's to harbor, and development of remediation alternatives.
- 1984 Specialist, technical input on hydrogeological aspects of investigation and design of landfill for City of Anchorage, Alaska.
- 1984 Project Manager for review of geological and geohydrological data from Hooker Chemical "S" area site, Niagara Falls, New York, for Environment Canada.
- 1984 Technical input to investigation of groundwater contamination from aircraft fuel spill, Fredericton, New Brunswick.
- 1983 Technical supervision of investigation and implementation of control measures for groundwater contamination from gasoline service station, Saint John, New Brunswick.
- 1982 Technical supervision of pumping test and analyses for pit dewatering study, Wabush Mine, Labrador.
- 1982 Direction of modeling of groundwater flow and temperature to determine effects of changes in river temperature on salmon spawning habitats, Susitna River, Alaska.
- 1981 - 1983 Investigation supervision and analysis of groundwater conditions for underground storage of oil, Saudi Arabia.
- 1981 Technical review of geohydrological studies of abandoned, operating, and proposed solid waste sites, Burlington, Ontario.
- 1981 Technical support and review for hydrogeological and geotechnical characterization of radioactive residue storage site, Lewiston, New York.
- 1980 Technical input for evaluation of groundwater contamination from coal pile, and recommendations for mitigating measures, Dunkirk, New York.
- 1980 Field supervision and analysis of pumping test, uranium tailings stabilization project, Uravan, Colorado.
- 1979 Technical input for geohydrological evaluation for effect of coal tar disposal, Plattsburgh, New York.

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- 1979 Technical responsibility for geohydrological characterization of Bayou Choctaw Salt Dome, Louisiana, for strategic petroleum reserve program.
- 1979 Review of study of low temperature thermal energy storage in aquifers, southern United States.
- 1979 Technical responsibility for geohydrological analysis for environmental impact study, proposed open pit copper mine, British Columbia.
- 1979 Site data collection and analyses of groundwater inflow for operating lead-zinc mine in karstic limestone, Daniels Harbour, Newfoundland.
- 1978 Review of field investigation and analyses to determine seepage losses for tin dredging operation, Jacunda, Brazil.
- 1978 Technical supervision of field work and analyses for groundwater studies in support of investigation and remediation of radon contamination in house basements, Elliot Lake, Ontario.
- 1978 Technical review of pumping tests performed for dewatering study, light rail transit tunnel study, Buffalo, New York.
- 1978 Site inspection and recommendation for mitigative measure for gasoline leakage into groundwater, Jordan Station, Ontario.
- 1977 Finite element modeling of groundwater flow around proposed radioactive waste repository, Sweden.
- 1976 Analysis of potential abutment seepage conditions and cutoff design, Limestone Generating Station, Manitoba.
- 1973 Field supervision and preliminary analyses of pumping test data, municipal water supply well, Lameque, New Brunswick.

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Publications and Presentations

Burgess, A.S., 2002, "Technical Concepts for M & A Professionals: How Science Affects the Deal", Golder Associates, London, UK

Burgess, A.S., 1999, "Chapter 5 Groundwater", in "Environmental Science Deskbook", James W. Conrad, Jr. editor, West Group, St. Paul, MN

Cunnane, M., Lampi, E., Burgess, A.S., Kossik, R., "Stormwater Drainage Impacts to Groundwater Quality," International Symposium of the American Public Works Association, Seattle, Washington, April, 1995.

Burgess, A.S., "Groundwater Monitoring for Contaminant Detection" International Society for Soil Mechanics and Foundation Engineering Rio de Janeiro, Brazil, August 1989.

Burgess, A.S., "Investigation of Contaminated Sites" Keynote Speaker Canadian Geotechnical Society 1st Environmental Geotechnics Conference Montreal 1991.

Burgess, A.S., "The ABC's of Groundwater Science" A course for lawyers and managers, Executive Enterprises, Inc., Washington D.C., San Francisco, Denver 1990-92.

Burgess, A.S., Patrick, G.C., "Control and Remediation of Solvent Releases in the Santa Clara Valley" ENSOL 90' Conference.

Corser, P., Burgess, A., "Costs of Permitting, Design and Construction of RCRA Subtitle C Facilities". Conference presentation in May of 1990.

Patrick, G.C., Burgess, A.S., "Field Studies of Nonaqueous Phase Liquids at two Sites in California's Santa Clara Valley" Conference on Subsurface Contamination by Immiscible Fluids, Calgary, Alberta, Canada April 18 - 20, 1990.

Burgess, A.S., Leonard, M.S., and Laird, G.S., "Design and Construction of a Soil Bentonite Slurry Wall Around an Operating Facility Superfund Site," Proceedings: Second International Conference on Case Histories in Geotechnical Engineering, St. Louis, Missouri, June 1-5, 1988.

Burgess, A.S., Curtis, D.D., N. Pui, and D. Mitchell, "Extraction of Oil Through Permafrost Related Problems, Controlling Mechanisms and Recent Research," International Permafrost Conference, Fairbanks, Alaska, April 1983.

Burgess, A.S., Curtis, D.D., and Laut, S.W., "Exploring for Oil Through Offshore Permafrost," Northern Miner, December 1983.

Thompson, S.N., Burgess, A.S., and O'Dea, D., "Coal Tar Containment and Cleanup, Plattsburgh, New York," Hazardous Materials Control Research Institute, 4th National Conference on Management of Uncontrolled Hazardous Waste Sites, Washington, D.C., October 1983.

Burgess, A.S., "Seismic Considerations for the Susitna Hydroelectric Project," Regional Seminar on Earthquake Fundamentals for Alaska, October 1982.

Ratigan, J.L., Osnes, J.D., Brandshaug, T., and Burgess, A.S., "Temperature History for CANDU Reprocessing Waste and Immobilized Fuel in an Underground Vault in Plutonic Rock," U.S. Symposium on Rock Mechanics, Cambridge, Massachusetts, June 1981.

Burgess, A.S., Charlwood, R.G., Ratigan, J.L., Card, E., and Ohta, M., "A Disposal Center for Immobilized Nuclear Waste: Conceptual Design Study," Atomic Energy of Canada Limited 6415, February 1980.

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Burgess, A.S., Charlwood, R.G., Ratigan, J.L., Card, E., and Ohta, M., "A Disposal Center for Irradiated Nuclear Fuel: Conceptual Design Study," Atomic Energy of Canada Limited 6415, February 1980.

Burgess, A.S., "Modeling of Groundwater Flow in Fractured Rocks for Radioactive Waste Repository Studies," Proceedings: Workshop Numerical Modeling Thermo hydrological Flow in Fractured Rock Masses, Berkeley, California, (LBL 11566), 1980.

Burgess, A.S., Charlwood, R.G., and Mahtab, A., "Geological Engineering Aspects of Conceptual Design of Radioactive Waste Vault in Hard Crystalline Rock," The Canadian Mining and Metallurgical Bulletin, July 1980.

Burgess, A.S., and Charlwood, R.G., "Immobilized Fuel and Reprocessing Waste Vaults: Design Criteria and Synthesis of Thermal-Rock Mechanics Analyses," Atomic Energy of Canada Limited TR58, January 1979.

Burgess, A.S., and Skiba, E., "Immobilized Fuel Vault: Container Near-Field Thermal-Rock Mechanic Analyses," Atomic Energy of Canada Limited TR49, January 1979.

Burgess, A.S., and Sandstrom, P.O., "Immobilized Fuel Vault: Design Concepts and Layouts," Atomic Energy of Canada Limited TR59, March 1979.

Burgess, A.S., and Sandstrom, P.O., "Reprocessing Waste Vault: Design Concept and Layouts," Atomic Energy of Canada Limited TR60, March 1979.

Burgess, A.S., Skiba, E., and Charlwood, R.G., "Analyses of Groundwater Flow Around a High-Level Waste Repository in Crystalline Rock," OECD Nuclear Energy Agency, Paris, France, March 1979.

Burgess, A.S., "Design Concepts for Underground Disposal of Irradiated CANDU Fuel and Reprocessing Wastes in Crystalline Rocks," Canadian Nuclear Association 19th Annual Conference, Toronto, Canada, June 1979.

Burgess, A.S., Codrington, J.B., Skiba, E.L., and Cane, D., "Canadian Work on Ground Heat Source Heat Pumps," Nordic Symposium on Earth Heat Pump Systems, Goteborg, Sweden, October 1979.

Burgess, A.S., Ratigan, J.L., and Stille, H., "Geohydrological Aspects of a Conceptual High-Level Waste Repository in Crystalline Rock," 31st Canadian Geotechnical Conference, Winnipeg, 1978.

Burgess, A.S., and Charlwood, R.G., "Immobilized Fuel and Reprocessing Waste Vaults: Design Specification and Scope of Work," Atomic Energy of Canada Limited TR47, April 1978.

Burgess, A.S., and Sandstrom, P.O., "Immobilized Fuel and Reprocessing Waste Vaults: Preliminary Design Concepts," Atomic Energy of Canada Limited TR49, May 1978.

Burgess, A.S., Charlwood, R.G., McCreath and Mahtab, "Geological Engineering Factors in the Design of a Radioactive Waste Repository in Hard Crystalline Rock," Canadian Geoscience Council Forum, October 1978.

Burgess, A.S., Edwards, A., Beukens, R., and Allen, G., "Use of Tailings as Back fill in Uranium Mines," CNA 18th Annual International Conference, Ottawa, June 1978.

Burgess, A.S., Keil, L.D., Neilsen, L.M.N., and Koropatnick, L.A., "Blast Vibration Monitoring of Rock Excavations," Canadian Geotechnical Journal Vol. 14, No. 4, 1977.

Burgess, A.S., Stille, H., and Lindblom, U., "Regional Groundwater Flow Analyses," Groundwater Movements Around a Repository: Karnbranslesakerhet, Stockholm, September 1977.

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Stille, H., Burgess, A.S., and Lindblom, U.E., "Geological and Geotechnical Conditions, "Groundwater Movements Around a Repository: Karnbranslesakerhet, Stockholm, September 1977.

Ratigan, J.L., Burgess, A.S., Skiba, E.L., and Charlwood, R., "Repository Domain Groundwater Flow," Groundwater Movements Around a Repository: Karnbranslesakerhet, Stockholm, September 1977.

Burgess, A.S., "Engineering Geology and Geohydrology of the Magnesian Limestone of North England (Ph.D. Thesis)," University of Durham, England, 1970.

Burgess, A.S., and Russell, M.J., "Tectonic Comparison of North Atlantic and Middle East Rifting," Nature, Vol. 222, June 1969.

Burgess, A.S., Attewell P.B., and Aucott, J.W., "Computerized Data Processing from an X-Ray Texture-Goniometer," Mineral Magazine, Vol. 37, No. 287, September 1969.