

BIBLIOGRAPHY

- [1] CRITOPH, E., "Reactor Physics Aspects Of CANDU Reactors", a lecture series given at the 1978 Winter College On Nuclear Physics at Trieste.
- [2] CRITOPH, E., "The Role Of Reactor Physics In The Design And Operation Of Power Reactors". IAEA Technical Report Series No. 143 titled "Developments In The Physics Of Nuclear Power Reactors", 1973.
- [3] KUGLER, G., "Distinctive Safety Aspects Of The CANDU-PHW Reactor Design", presented at IAEA Interregional Training Course on Safety Analysis Review Held At Karlsruhe, 1979 November 19 to December 20. Atomic Energy of Canada Limited Report No. AECL-6789.
- [4] SHIELDS, R.B., "A Platinum In-Core Flux Detector", IEE Trans. Nuc. Sci. NS-210, 603(1973).
- [5] ALLAN, C.J., "Response Characteristics of Self-Powered Flux Detectors in CANDU Reactors", presented at International Symposium On Nuclear Power Plant Control and Instrumentation, held at Cannes, France, 1978 April 24-28. Atomic Energy Of Canada Limited Report No. AECL-6171.
- [6] ROSHD, M.H.M., "The Physics Of CANDU Reactor Design", ANS Conference, Toronto, Ontario, 1976 June 14-18. Atomic Energy of Canada Limited Report No. AECL-5803, April 1977.
- [7] HELLSTRAND, E., "Measurement Of The Effective Resonance Integral In Uranium Metal And Oxide In Different Geometries", Journal Of Applied Physics 28, No. 12 (1957) 1493.

- [8] WESCOTT, C.H., "Effective Cross Section Values For Well Moderated Thermal Reactor Spectra", Atomic Energy Of Canada Limited Report No. AECL-1101, 1960 September.
- [9] CRITOPH, E., "Comparison Of Theory And Experiment For (a) Lattice Properties Of D_2O -U Reactors, (b) Control Rod Experiments, (c) Foreign Rod Experiments", Atomic Energy Of Canada Limited Report No. AECL-350.
- [10] GIBSON, I.H., "The Physics Of LATREP", Atomic Energy Of Canada Limited Report No. AECL-2548 (1966).
- [11] (i) GRIFFITHS, J., "The Effectiveness Of LATREP Calculations: A survey And Detailed Comparison With Experiment", Atomic Energy Of Canada Limited Report No. AECL-3739 (1970).
(ii) PHILLIPS, G.J., and GRIFFITH, J., "LATREP User's Manual", Atomic Energy Of Canada Limited Report No. AECL-3857 (1971).
(iii) MILGRAM, M., "A Guide To LATREP", Atomic Energy Of Canada Limited Report No. AECL-5306 (1975).
- [12] (i) ASKEY, J.R., FAYERS, F.J., KEMSHELL, P.B., "A General Description Of The Lattice Code WIMS", Journal Of The British Nuclear Energy Society (514) p. 564 (1966).
(ii) ROTH, M.J. MacDOUGALL, J.D., KEMSHELL, P.B., "The Preparation Of Input Data For WIMS", UKAEE Report AEEW-R538, Winfrith (1967).

- [13] SUICH, J.E., HONECK, H.C., "The HAMMER System -- Heterogeneous Analysis By Multigroup Methods Of Exponentials And Reactors", USAEC Report DP-1604, Savannah River Laboratory And E.I. DuPont de Nemours And Company (1967).
- [14] DASTUR, A.R., BUSS, D.B., "Space-Time Kinetics Of CANDU Systems", Proceedings of NEACRP/CSNI Specialists' Meeting on New Developments in 3-D Neutron Kinetics And Review Of Benchmark Calculations, Munchen, 1975 January.
- [15] KUGLER, G., DASTUR, A.R., "Accuracy Of The Improved Quasistatic Space-Time Method Checked With Experiment", Atomic Energy Of Canada Limited Report No. AECL-5553 (1976).
- [16] HINCHLEY, E., KUGLER, G., "On-Line Control Of The CANDU-PHW Power Distribution", IAEA Specialists Meeting On Spatial Control Problems, Studsvik, Sweden, 1974 October. Atomic Energy Of Canada Limited Report No. AECL 5045, 16 June.
- [17] DASTUR, A.R., KUGLER, G., ROUBEN, B., LI, H.Y.H., "Confirmation Of CANDU Shutdown System Design And Performance During Commissioning", Presented At ANS Thermal Reactor Safety Conference, Sun Valley, Idaho, 1977 August 1-4, Atomic Energy Of Canada Limited Report No. AECL-5914.
- [18] MOHINDRA, V.K., KUGLER, G., Atomic Energy Of Canada Limited, And LOPEZ, A.M., Ontario Hydro, "Measurements And Simulations Of Thermal Neutron Flux Distributions In Bruce A". Atomic Energy Of Canada Limited Report No. AECL-5973 (1978 April).

- [19] KUGLER, G., "Commissioning And Early Operating Experience Of The Bruce A Flux Mapping System", Proceedings Of The IAEA International Symposium On Nuclear Power Plant Control And Instrumentation, Cannes, 1978 April (Paper No. IAEA-SM-226/101). Atomic Energy Of Canada Limited Report No. AECL-6473.

- [20] ROSHD, M.H.M., CHOW, H.C., "GETRANS - A Two Dimensional Integral Transport Code", Atomic Energy Of Canada Limited Report No. AECL-6359, 1978 October.

- [21] ROSHD, M.H.M., CHOW, H.C., "The Analysis Of Flux Peaking At Nuclear Fuel Bundle Ends Using PEAKAN", Atomic Energy Of Canada Limited Report No. AECL-6174, 1978 April. Also see ANS Transactions p. 266, Vol. 28, 1978 June.

- [22] CHOW, H.C., ROSHD, M.H.M., "SHETAN - A Three Dimensional Integral Transport Code For Reactor Analysis", Atomic Energy Of Canada Limited Report No. AECL-6878, To Be issued. Also see ANS Transactions p. 789, Vol. 33, 1979 November.

- [23] FRESCURA, G.M., WIGHT, A.L., "CANDU-PHW Fuel Management", A Lecture Course Presented At The Winter College On Nuclear Physics And Reactors At Trieste, Italy, January 22, 1980 - March 28, 1980. (Also Published as Ontario Hydro Design And Development Report No. 80023, May, 1980.