

NEIMME/CEGB/TPRD and /PFBC - Central Electricity Generating Board, Technology Planning and Research Division, and Pressurised Fluidised Bed Combustion

| Code | Title (245) | Author | Date of publication (260c) | Notes | Location |
|--------------------------------|--|------------------------------------|-----------------------------------|------------------|-----------------|
| NEIMME/CEGB/TPRD/L/ES/0321/M84 | A Mopeds model of the pressurised fluidised bed combustor combined cycle with parallel feed water heating | B. J. Taylor, B. J. Davidson | c. 1984 | | LP12 |
| NEIMME/CEGB/TPRD/L/2760/N84 | Optimal determination of selenium and arsenic in fly-ash, soils and plants by instrumental neutron activation analysis | C. A. Girling | c. 1985 | PFBC/PG/P1 35 | LP12 |
| NEIMME/CEGB/TPRD/L/2845/N85 | Determination of cadmium and lead in kale and tomato leaf samples by differential pulse anodic stripping voltammetry | C. Gatford | c. 1985 | PFBC/PG/P1 48 | LP12 |
| NEIMME/CEGB/TPRD/L/CH/0138/M85 | Predischarge conditioning of PFBC solid wastes phase equilibria in the Ca/C/O/H and Mg/C/O/H systems | W. H. Halstead | c. 1985 | PFBC/PG/P6 8 | LP12 |
| NEIMME/CEGB/TPRD/L/CH/0182/M85 | The CEGB-NCB Grimethorpe Tube Bank Materials Programme | D. B. Meadowcroft, A. J. Minchener | c. 1985 | PFBC/PG/21 8 | LP12 |
| NEIMME/CEGB/TPRD/L/CI354/M85 | A note on the discrepancy between the calculated thermal time constant | D. H. Brereton | c. 1985 | PFBC/PG/P1 76 | LP12 |
| NEIMME/CEGB/TPRD/L/CI355/M85 | A computer model of the Grimethorpe pressurized fluidized bed combustor | D. H. Brereton, C. A. Ward | c. 1985 | PFBC/PG/P1 81 | LP12 |
| NEIMME/CEGB/TPRD/L/ES/0369/M85 | Grimethorpe Project: Research review cycle thermodynamics and configuration | M. J. Moore, W. P. Syrett | c. 1985 | | LP12 |
| NEIMME/CEGB/PFBC/BG/236 | Suitability of Ruston TB 5000 and other small turbines for phase B erosion tests at Grimethorpe | J. E. Fackrell | c. 1986 | | LP12 |
| NEIMME/CEGB/PFBC/PG/P214 | Proposals for gas turbine erosion measurements in the Grimethorpe PFBC test series A2 programme | J. Fackerell, D. B. Meadowcroft | c. 1986 | | LP12 |
| NEIMME/CEGB/TPRD/M/TE/1102/M86 | No x emissions from pressurised coal fired fluidized bed combustors | N. A. Burdett | c. 1986 | PFBC/MG/P 301 | LP12 |

| | | | | | |
|---------------------------------|---|--|---------|------------------|------|
| NEIMME/CEGB/PFBC/TR21 | PFBC Design Study for CEGB: Cycle analysis data for 12 bar cycle and comparison with 17 bar cycle | E. J. Addis | c. 1987 | | LP12 |
| NEIMME/CEGB/TPRD/L/3076/R86 | Particle impaction erosion in dilute phase and fluidized bed combustion gas streams | E. Raask | c. 1987 | | LP12 |
| NEIMME/CEGB/TPRD/L/3078/R86 | A mathematical model of the proposed Fluidised Combustion Contractors Ltd. PFBC combined cycle generating plant | D. H. Brereton, C. A. Ward | c. 1987 | | LP12 |
| NEIMME/CEGB/TPRD/L/3161/R87 | A basic control system for the Fluidised Combustion Contractors Ltd. Design of fluidized bed generating plant | D. H. Brereton | c. 1987 | | LP12 |
| NEIMME/CEGB/TPRD/M/TE/1125/M87 | The reactivation of spent FBC sulphur sorbent by hydration: a preliminary examination | L. Mellor, A. P. Raymant | c. 1987 | PFBC/MG/P 324 | LP12 |
| NEIMME/CEGB/TPRD/M/TF/1104/M87 | Analysis of erosion target experiments | J. E. Fackrell | c. 1987 | | LP12 |
| NEIMME/CEGB/TPRD/M/TF/1130/M87 | The experimental design of the Grimethorpe phase A2 target tests | J. E. Fackrell | c. 1987 | PFBC/MG/P 321 | LP12 |
| NEIMME/CEGB/TPRD/M/TF/1134/M87 | Calculation of two dimensional, compressible, potential flow about symmetric erosion targets | J. E. Fackrell | c. 1987 | | LP12 |
| NEIMME/CEGB/RD/ENV/L/0065/CAS88 | Feedwater and drum water level control systems for the proposed Fluidised Combustion Contractors Ltd. | C. A. Ward | c. 1988 | | LP12 |
| NEIMME/CEGB/TPRD/L/3123/R87 | High temperature alloy requirements for coal fired combined cycles | B. J. Davidson, D. B. Meadowcroft, J. Stringer | c. 1988 | | LP12 |
| NEIMME/CEGB/TPRD/L/3254/R87 | An eddy current probe to study erosion of tubes in the "cold model" at the Grimethorpe PFBC establishment | J. Sutton, M. Helingoe | c. 1988 | | LP12 |
| NEIMME/CEGB/TPRD/M/1676/RR88 | Aerodynamic effects of PFBC erosion target experiments | J. E. Fackrell | c. 1988 | PFBC/TR/52 | LP12 |
| NEIMME/CEGB/TPRD/M/TF/1180/M88 | Calculating the erosion of turbine blades | J. E. Fackrell | c. 1988 | | LP12 |