

THE GRIMETHORPE PRESSURISED FLUIDISED-BED COMBUSTION PROJECT : collection description

Special Collections, J.B. Priestley Library

Reference code

GB 0532 GRI

Title

The Grimethorpe Pressurised Fluidised-Bed Combustion Project

Dates

1955-2001

Level of description

Fonds

Extent

6 metres

Name of creator

Dr. S.J. Wright, scientist

Administrative/biographical history

The Pressurised Fluidised-Bed Combustion Project was based in the Experimental Facility at Grimethorpe (near Barnsley, South Yorkshire). The Project aimed to provide a facility for investigating pressurised fluidised-bed combustion (PFBC) systems under different operating conditions. The facility became operational in 1980 and for the next 12 years produced valuable experimental data for three phases of experiments. The first phase, the experimental programme run by National Coal Board (International Energy Agency Grimethorpe), was sponsored by the governments of the United

Kingdom, the United States of America, and the Federal Republic of Germany. This programme ran from 1980 to 1984. The second phase, the British Coal Corporation / Central Electricity Generating Board joint programme, ran from 1985 to 1988. The final phase, the Grimethorpe Topping Cycle Project, ran from 1991 to 1992. This archive was collected by Dr. S.J. Wright. Dr. Wright, a chemical engineer with a background in the British Coal Utilisation Research Association, and a pioneer in research into fluidised-bed combustion, was involved with the Grimethorpe experimental facility from its design until its closure in 1993.

Immediate source of acquisition

Donated by Dr S.J. Wright in 1999.

Scope and content

Technical reports generated by the three phases of the project, many research establishment reports relating to the project, background literature from 1955 onward and relevant conference proceedings.

Access conditions

Available to researchers, by appointment. Access to archive material is subject to preservation requirements and must also conform to the restrictions of the Data Protection Act and any other appropriate legislation.

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Language of material

English.

Finding aids

Unpublished handlist.

Related units of description

A collection of material on the Grimethorpe PFBC Experimental Facility, including correspondence, newsletter and photographs, is held by Barnsley Archives and Local Studies.

Publication note

Wright, S.J. : Fluidised bed combustion, a clean coal combustion process that nearly was (Privately printed, 2001)

Archivist's note

Described by John Brooker

Rules or conventions

ISAD(G) 2nd ed.

Date(s) of description

December 2003

Indexing

Persons

Wright, S.J.

Subjects

Coal combustion

Fluidized-bed combustion

Corporate Bodies

NCB, I.E.A. Grimethorpe Limited

National Coal Board

British Coal

Central Electricity Generating Board

Grimethorpe Experimental Facility

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