

**7.25 Evaluation of Heat-Exchange Materials for Utility Applications of FBC**

Principal Investigator's Name:

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Cooperative agencies and investigators: (if applicable)

Nova Scotia Power Corporation  
(project manager)

Duration:

Start 1982 - Completion 1985

Approximate Cost: (indicate applicable yearly period)

1982 \$4M

Objectives:

To evaluate heat-exchange materials for use in FBC units designed for electrical power generation, using a 1 m<sup>2</sup> test combustor.

Method:

- a) Test program comprising 10 x 1000 hour operation underway.  
(April 1983)
- b) Test program completion. (March 1985)

Anticipated Results:

Delineation of required metallurgical characteristics of heat-exchange materials for utility FBC applications.