

**7855.0500 PROPOSED NUCLEAR FUEL PROCESSING FACILITY;  
DESCRIPTION.**

Each application for a nuclear fuel processing facility shall contain the following information:

- A. a physical description of the facility, including:
  - (1) its location, to the fullest extent known;
  - (2) the required land area, the height of the tallest structures, and, if applicable, the depth and size of any underground caverns;
  - (3) its design capacity in tons per year of input material; and
  - (4) a schematic drawing showing major components of the facility;
- B. data regarding design and construction of the facility, including:
  - (1) if known, the complete name and business address of the engineer and firm that would be responsible for the design of the facility;
  - (2) if known, the complete name and business address of the company which would construct the facility;
  - (3) the proposed date for commencing construction and the proposed in-service date;
  - (4) the estimated installed cost of the facility in current dollars; and
  - (5) the estimated economic life of the facility;
- C. data regarding operation of the facility, including:
  - (1) a narrative description of the steps of the process;
  - (2) the sources and amounts of input materials that would be processed by the facility during operation at the design capacity, including uranium, plutonium, and structural metals in tons per year and fission product nuclides in curies per year;
  - (3) the types and amounts of output materials from the processing facility during operation at the design capacity;
  - (4) the projected annual operating and maintenance costs in current dollars for each of the first five calendar years of operation;
  - (5) the methods that would be used to transport materials to and from the facility;
  - (6) the projected types and amounts of energy products that would be consumed during operation at the design capacity;

(7) the expected average percentage of use of the full design capacity for each of the first five calendar years of operation; and

(8) a discussion of the maintenance requirements of the facility, including the estimated impact on production.

**Statutory Authority:** *MS s 216B.08; 216B.2421; 216B.243; 216C.10*

**History:** *L 1983 c 289 s 115*

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