**Section 106.1130 Contents of Petition**

A petition for an alternative thermal effluent limitation must include the following:

a) Information providing a general plant description, including, as applicable:

1) Generating capacity;

2) Type of fuel used;

3) Operating characteristics of the condenser cooling system;

4) History of the load factor of the plant for the last 5 years;

5) Projected load factors of the plant for the next 5 years;

6) Estimated date of retirement for each unit at the plant and any plans for additional units at the plant;

7) History of plant shutdowns for the last 5 years;

8) Planned and emergency shutdowns with frequency and duration for the last 5 years; and

9) Planned and projected shutdowns with frequency and duration for the next five years;

b) Description of Method for Heat Dissipation:

1) Type of system used (such as once-through, mechanical, and draft cooling towers) in narrative form; and

2) Summary information on temperature of discharge to receiving waters in narrative form;

c) A summary of compliance or non-compliance with thermal requirements at the facility in the past five years;

d) The detailed plan of study submitted to the Agency under Section 106.1120(a) and the Agency's written response under Section 106.1120(f);

e) The results of the studies conducted under the detailed plan of study submitted under Section 106.1120, including:

1) background on the proposed thermal standards;

2) information on data collection program and methodologies;

3) summaries of physical, chemical, biological and technical data supporting the demonstration, along with a discussion of the data; and

4) criteria or methodology used to assess whether a balanced indigenous community of shellfish, fish and wildlife will be maintained in the receiving waters and the protection of threatened and endangered species;

f) Any additional information or studies, including information or guidance published by USEPA, that the petitioner judges to be appropriate to support the alternative thermal effluent limitation demonstration; and

g) A statement of the requested relief, including:

1) the alternative thermal effluent limitation;

2) any relief from the mixing zone regulations in 35 Ill. Adm. Code 302.102, if applicable; and

3) any other relief sought.

(Source: Amended at 41 Ill. Reg. 10104, effective July 5, 2017)