

**WASHINGTON STATE
ENERGY FACILITY SITE EVALUATION COUNCIL
RESOLUTION NO. 258 AMENDED**

WHEREAS, The Nuclear Regulatory Commission issued Generic Letter 89-13 requiring each licensee to respond to recommendations for assuring Standby Service Water systems do not become inoperable due to biofouling; and

WHEREAS, The Washington Public Power Supply System has determined that a chlorine based biofoulant would be too corrosive to the metal in the Nuclear Plant No. 2 (WNP-2) Standby Service Water System and has chosen Buckman Laboratory's Bulab 6003 as its choice of a biofouling additive; and

WHEREAS, The Supply System plans to pump the Standby Service Water System water into the plant blowdown line which discharges into the Columbia River, thereby causing the Bulab 6003 to be an additional additive to the recirculating cooling water blowdown under the Energy Facility Site Evaluation Council (EFSEC or Council) jurisdiction; and

WHEREAS, On January 2, 1991, the Supply System requested a one year trial use of Bulab 6003 in the WNP-2 Standby Service Water System; and

WHEREAS, Condition G1 of the WNP-2 National Pollutant Discharge Elimination System (NPDES) Permit (No. WA-002515-1) specifies that, "The discharge of water treatment additives which were not identified in the permit application shall be subject to Council approval;" and

WHEREAS, The Council's review process for circulating water additive requests, as set forth in Council Resolution No. 240, calls for an evaluation of the following:

- NEED - Additive shall be necessary technologically and economically;
 - DEGRADABILITY - Additive will degrade over time;
 - PERSISTENCE - Additive should not contain persistent compounds;
 - TOXICITY - 80 percent survivability in 100 percent effluent for 96 hours (salmonids);
- and

WHEREAS, The information provided by the Supply System has demonstrated a need for the additive, the active ingredient degradation products are not expected to be persistent and the additive, after 30 days, has low toxicity on organisms usually more sensitive than salmonids; and

WHEREAS, The Departments of Ecology, Fisheries, and Wildlife have reviewed the Supply System's request and recommend conditional approval of Bulab 6003 use; and

WHEREAS, Washington State requires pesticides used within the state to be registered with the Department of Agriculture and Bulab 6003 was registered on May 29, 1991; and

WHEREAS, By Resolution No. 258, dated June 10, 1991, the Council approved a one year trial period for the use of Bulab 6003 to begin with the first application in the WNP-2 Standby Service Water System; and

WHEREAS, By letter dated July 17, 1992, the Supply System requested a time extension to continue the use of Bulab 6003 to treat standby service water.

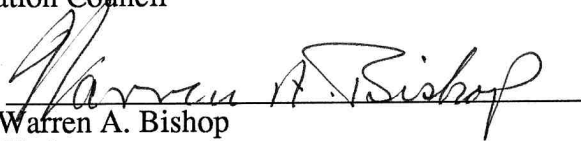
NOW THEREFORE BE IT RESOLVED, That EFSEC authorizes the continued use of Bulab 6003 on a trial basis through September 1, 1993 in the WNP-2 Standby Service Water System subject to the following conditions:

1. Discharge into the plant blowdown line will not occur before 30 days have elapsed after application of Bulab 6003 and chemical analyses shows no detectable active ingredients;
2. The Supply System will report to the Council any anomalies with the discharge or chemical analyses;
3. The Supply System will submit a report detailing the results of using Bulab 6003, including analytical results, to the Council within three months following the end of the trial period.

Dated this 10th day of August 1992.

Washington State Energy Facility Site
Evaluation Council

By


Warren A. Bishop
Chair

ATTEST:

By


Jason Zeller
EFSEC Manager

RESOLUTION NO. 258

WHEREAS, The Nuclear Regulatory Commission issued Generic Letter 89-13 requiring each licensee to respond to recommendations for assuring Standby Service Water systems do not become inoperable due to biofouling; and

WHEREAS, The Washington Public Power Supply System has determined that a chlorine based biofoulant would be too corrosive to the metal in the WNP-2 Standby Service Water system and has chosen Buckman Laboratory's Bulab 6003 as its choice of a biofouling additive; and

WHEREAS, The Supply System plans to pump the Standby Service Water system water into the plant blowdown line which discharges into the Columbia River, thereby causing the Bulab 6003 to be an additional additive to the recirculating cooling water blowdown under EFSEC jurisdiction; and

WHEREAS, On January 2, 1991 the Supply System requested a one year trial use of Bulab 6003 in the WNP-2 Standby Service Water system; and

WHEREAS, The Council's review process for circulating water additive requests calls for an evaluation of the following:

- NEED - Additive shall be necessary technologically and economically;
- DEGRADABILITY - Additive will degrade over time;
- PERSISTENCE - Additive should not contain persistent compounds;
- TOXICITY - 80% survivability in 100% effluent for 96 hours (salmonids); and

WHEREAS, The information provided by the Supply System has demonstrated a need for the additive, the active ingredient degradation products are not expected to be persistent and the additive, after 30 days, has low toxicity on organisms usually more sensitive than salmonids; and

WHEREAS, The Departments of Ecology, Fisheries and Wildlife have reviewed the Supply System's request and recommend conditional approval of Bulab 6003 use; and


WHEREAS, Washington State requires pesticides used within the state to be registered with the Department of Agriculture and Bulab 6003 was registered on May 29, 1991.

NOW THEREFORE BE IT RESOLVED, That the Energy Facility Site Evaluation Council authorizes a one year trial use of Bulab 6003 to begin with the first application in the WNP-2 Standby Service Water system subject to the following conditions:

1. Discharge into the plant blowdown line will not occur before 30 days have elapsed after application and chemical analyses shows no detectable active ingredients;
2. The Supply System will report to the Council any anomalies with the discharge or chemical analyses;
3. The Supply System will submit a report detailing the results of using Bulab 6003, including analytical results, to the Council within three months following the end of the trial period.

Dated this 10th day of June 1991.

Washington State Energy Facility Site
Evaluation Council

By 
Robert Waldo
Chairman

ATTEST:

By 
Jason Zeller
EFSEC Manager