

132 FERC ¶ 61,236
UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Before Commissioners: Jon Wellinghoff, Chairman;
Marc Spitzer, Philip D. Moeller,
John R. Norris, and Cheryl A. LaFleur.

Appalachian Power Company

Project No. 2210-192

ORDER ON REHEARING AND CLARIFICATION

(Issued September 16, 2010)

(F) License Article 409, *Aquatic Vegetation Management Plan*, is revised by adding the following paragraph at the end of the article:

If at any time during the term of the license, the Virginia Department of Game and Inland Fisheries or the Aquatic Vegetation Technical Review Committee demonstrates that invasive species is significantly affecting fish and wildlife populations or recreation, respectively, and that additional surveys and/or control measures are needed, the Commission may direct,

Appalachian Power, after opportunity for public comment, to undertake further reasonable measures to control non-native, aggressive invasive species in project waters.

UNITED STATES OF AMERICA 129 FERC ¶ 62,201
FEDERAL ENERGY REGULATORY COMMISSION

Appalachian Power Company

Project No. 2210-169

ORDER ISSUING NEW LICENSE

(December 15, 2009)

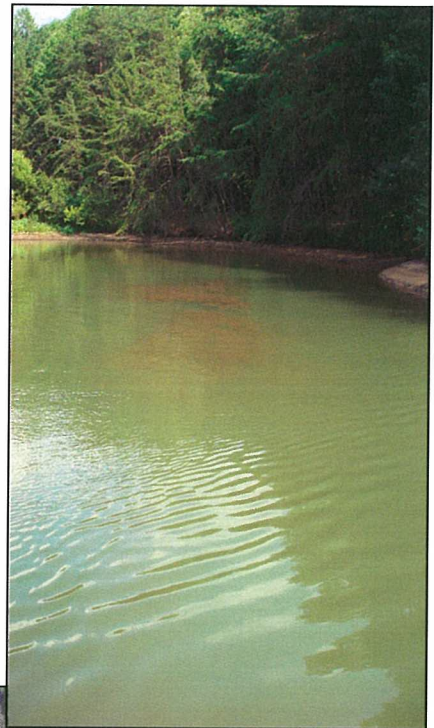
Article 409. Aquatic Vegetation Management Plan. Upon the effective date of this license, the licensee shall implement the *Aquatic Vegetation Management Plan*, filed July 15, 2008, and shall include the following modifications.

- (a) The plan shall include a provision to notify adjacent landowners prior to the treatment of invasive aquatic vegetation beds. The notification procedures (including the notification period) shall be developed after consultation with the Aquatic Vegetation Technical Review Committee.
- (b) The report filed by the Licensed Applicator shall identify the type of herbicide used in any treatments.
- (c) The plan shall include a requirement that Appalachian Power control/treat invasive aquatic vegetation beds at public boat ramps and other public areas (e.g., county and state parks, swimming areas, etc), where determined appropriate by the Aquatic Vegetation Technical Review Committee.

The approved *Aquatic Vegetation Management Plan* may not be amended without prior Commission approval.

**APPALACHIAN POWER COMPANY
SMITH MOUNTAIN PROJECT (P-2210)
AQUATIC VEGETATION MANAGEMENT PLAN**

July 2008



Summary

The Smith Mountain Project (No. 2210) is licensed to Appalachian Power Company (Appalachian) and is a pumped storage hydroelectric project located on the Roanoke River in Bedford, Campbell, Franklin and Pittsylvania counties in Virginia. The upper reservoir of the pumped storage facility is the Smith Mountain development, while the lower reservoir is the Leesville development.

The purpose of the Aquatic Vegetation Management Plan is to identify measures for addressing aquatic vegetation issues at the Smith Mountain Project over the term of the new license. The plan includes information pertaining to control methods and plan, monitoring requirements, and a permit program.

The Aquatic Vegetation Management Plan is being submitted to the FERC as part of the license application and reflects the measures that Appalachian will be responsible for as the licensee. However, there will be times when it makes sense to develop a cooperative agreement between Appalachian and other parties to manage an issue in a mutually beneficial way. These types of agreements will be outside of relicensing and may reflect additional measures that are above those required by this management plan.

TABLE OF CONTENTS

1.0	INTRODUCTION AND PROBLEM STATEMENT	1
2.0	LAKE AND WATERSHED CHARACTERISTICS.....	2
3.0	BENEFICIAL USE AREAS	5
4.0	MANAGEMENT GOALS AND OBJECTIVES	5
5.0	PLANT MANAGEMENT HISTORY	6
6.0	AQUATIC PLANT COMMUNITY CHARACTERIZATION.....	7
7.0	AQUATIC VEGETATION MANAGEMENT ALTERNATIVES.....	7
8.0	INTEGRATED MANAGEMENT ACTION STRATEGY	12
	8.1 ISSUANCE OF PERMIT BY APPALACHIAN	
	8.2 TREATMENT OF AQUATIC VEGETATION BY APPALACHIAN	
9.0	MONITORING AND PLAN UPDATE PROCEDURES.....	14
	9.1 FULL LAKE SURVEY	
	9.2 ANNUAL SURVEY	
	9.3 REPORTING AND CONSULTATION	
	9.4 UPDATE OF MAPPING	
	9.5 EDUCATION	
10.0	PERMIT PROGRAM	16
11.0	MAPS.....	17
12.0	SOURCE DOCUMENTS	17

FIGURES

FIGURE 1 – UPPER ROANOKE RIVER WATERSHED MAP.....	2
---	---

TABLES

TABLE 1 – LIST OF NON-NATIVE AGRESSIVE INVASIVE, NON-NATIVE NUISSANCE AND NATIVE SAV SPECIES KNOWN TO OCCUR IN SMITH MOUNTAIN LAKE	7
--	---

APPENDICES

APPENDIX A – PERMIT APPLICATION FOR AQUATIC VEGETATION TREATMENT

APPENDIX B – REPORT FOLLOWING TREATMENT OF AQUATIC VEGETATION ON SMITH MOUNTAIN OR LEESVILLE LAKES