

DOCKET**02-AFC-1C**

DATE FEB 16 2010

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February 16, 2010

California Energy Commission
Docket Unit
1516 Ninth Street
Sacramento, CA 95814-5512

Subject: **CAITHNESS BLYTHE II, LLC'S SUPPLEMENT #1 TO THE
AMENDMENT FOR THE BLYTHE ENERGY PROJECT PHASE II
DOCKET NO. 02-AFC-1C**

Enclosed for filing with the California Energy Commission are one (1) original and one (1) copy of the **CAITHNESS BLYTHE II, LLC'S SUPPLEMENT #1 TO THE AMENDMENT FOR THE BLYTHE ENERGY PROJECT PHASE II**, Docket No. 02-AFC-1C.

Sincerely,

// original signed //

David L. Wiseman
Counsel to Caithness Blythe II, LLC

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STATE OF CALIFORNIA
Energy Resources
Conservation and Development Commission

In the Matter of:

Amendment for the Blythe Energy
Project Phase II

DOCKET NO. 02-AFC-1C

**CAITHNESS BLYTHE II, LLC'S
SUPPLEMENT #1 FOR THE BLYTHE
ENERGY PROJECT PHASE II**

Pursuant to section 1769(a) of the California Energy Commission Siting Regulations Caithness Blythe II, LLC (Caithness) hereby submits this Supplement #1 to the Amendment for the Blythe Energy Project Phase II (BEP II or Project).

5.16 WATER QUALITY & SOILS

The original Commission Decision found the Project would not have an adverse significant impact in the area of Water Quality and Soils. However, due to the construction of additional parking lots, Caithness has provided calculations of the approximate runoff volumes accompanied by an analysis of that runoff. While this additional information is intended to supplement the BEP II Amendment, this Supplement will not change the assumptions or conclusions made in the Commission Decision and the Project will continue to comply with all of the Conditions of Certification for Water Quality and Soils.

Dated: February 16, 2010

// original signed //

David L. Wiseman
Counsel to Caithness Blythe II, LLC

February 11, 2010

**SUPPLEMENT TO THE
BLYTHE ENERGY PROJECT PHASE II AMENDMENT
(02-AFC-1C)
TECHNICAL AREA: 5.16 WATER QUALITY & SOILS
AUTHOR: CASEY WEAVER
THG PROJECT NO. 632.008**

The proposed parking lots for the project are located adjacent to the Workshop/Storage Area and the Control Room Building as shown on Figure 1-1-Site Plan-DWG. No. SK-P-001-Rev.J. The asphalt paved parking lots will be approximately 5,000 and 7,500 square feet in area, respectively.

These parking lots would generate the following approximate runoff volumes:

10 Year - 24 Hour Storm Event:

5,000 sq.ft. @ 2.2 inches precipitation @ .9 (runoff coefficient) = 825 cu.ft.

7,500 sq.ft. @ 2.2 inches precipitation @ .9 (runoff coefficient) = 1,238 cu.ft.

100 Year – 24 Hour Storm Event:

5,000 sq.ft. @ 3.79 inches precipitation @ .9 (runoff coefficient) = 1,422 cu.ft.

7,500 sq.ft. @ 3.79 inches precipitation @ .9 (runoff coefficient) = 2,132 cu.ft.

This runoff will be transported via curb and gutter and/or a subsurface trench drain to the major drainage channel that is located immediately westerly of the north/south access road

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that divides the BEP I site from the BEP II site. Please note that prior to entering this drainage channel the stormwater will pass through a hydrocarbon filtration unit similar to the units installed for BEP I in accordance with the current requirements of the Colorado River Regional Water Quality Control Board. Relative to quantity of flow, the stormwater retention basin into which the above referenced drainage channel discharges has a capacity conservatively estimated to be 3,750,000 cu.ft. (1,000 ft. x 250 ft. x 15 ft.). As such, the runoff from the two proposed parking lots is statistically insignificant. Please note that the future construction of these parking lots was taken into consideration during the original design of the BEP I / BEP II Retention Basin. We stand ready to provide any information the California Energy Commission may need in response to this submittal.

THE HOLT GROUP, INC.

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