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May 15, 2006

## **BY ELECTRONIC FILING**

Magalie Roman Salas, Secretary  
Federal Energy Regulatory Commission  
888 First Street, NE  
Washington, DC 20426

Re: Broadwater Energy LLC, Docket No. CP06-54-000  
Broadwater Pipeline LLC, Docket Nos. CP06-55-000 & CP06-56-000

Dear Ms. Salas:

On January 30, 2006, Broadwater Energy LLC filed an application to site, construct, and operate a liquefied natural gas import terminal under section 3 of the Natural Gas Act ("NGA"), and Broadwater Pipeline LLC (together with Broadwater Energy LLC, "Broadwater") filed an application for a certificate of public convenience and necessity under section 7 of the NGA.

In accordance with the agreements reached between Iroquois Gas Transmission System and Broadwater,<sup>1</sup> a second Subsea-Subsurface Safety Valve ("SSSV") and associated control umbilical at the base of the mooring tower has been incorporated into the connecting pipeline design. Consequently, Broadwater submits this supplement to the January 30, 2006 applications to reflect this arrangement.

### **Dual Subsea-Subsurface Safety Valves**

A. Modified Figures 1-10 and 1-11 reflecting this dual SSSV arrangement were submitted to the Commission in Broadwater's April 20, 2006 response to the Commission's Environmental Information Request No. 4, issued March 31, 2006.

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<sup>1</sup> See Supplemental Comments of Iroquois Gas Transmission System, LLC (filed Apr. 11, 2006).

B. Resource Report 1; Section 1.3.3.1 Overview of Pipeline, Table 1-2

Table 1-2 is modified as follows:

**Table 1-2 Subsea Connecting Pipeline Route Features (Rev 1)**

<b>Location</b>	<b>Description</b>	<b>Water Depth</b>
Mooring Tower	ESD isolation valve, pig launcher, pipeline riser, and two subsea-subsurface safety valve (SSSV) umbilicals and controls supported by the mooring tower structure	N/A
MP 0.0	Subsea pipeline interconnection with pipeline riser at base of the mooring tower structure, including two remotely controlled subsea-subsurface safety valves (SSSVs)	94 ft
MP 0.4	Check and isolation valve assembly	94 ft
MP 3.0	Cross Sound Cable power cable crossing	97 ft
MP 6.4	AT&T telecommunications cable crossing	96 ft
MP 14.0	Begin Stratford Shoal Middle Ground crossing	80 ft
MP 14.5	Minimum water depth along route	54 ft
MP 15.0	End Stratford Shoal Middle Ground crossing	100 ft
MP 17.9	Maximum water depth along route	126 ft
MP 21.7	Pipeline hot tap interconnection with IGTS, including shutdown and isolation valves and a subsea pig receiver. (This location corresponds to IGTS Long Island Sound crossing MP 18.2.)	120 ft

C. Resource Report 1; Section 1.3.3.8 Pipeline Depth of Cover:

The approximate plan dimension of the cage-like protective structures placed over the top of the SSSVs at the tie-in with the YMS riser is amended as follows:

- Dual SSSVs at tie-in with YMS riser: 30 ft. x 15 ft.

D. Reference to SSSVs in Other Resource Reports

Any and all other references to a single SSSV and control umbilical contained in Resource Reports 1 through 13, inclusive, shall be taken to mean a dual SSSV and associated dual control umbilical arrangement.

**X70 Pipeline Material Wall Thickness Specification**

Broadwater wishes to revise the rounding in the Grade X70 pipeline material specification cited in its January 30, 2006 application to the Commission:

1. Application of Broadwater Pipeline LLC for Certificate of Public Convenience and Necessity, Exhibit G-II: Engineering Design Data Used in Exhibit G and G-I, Pipeline Basis of Design;
2. Resource Report 1, Section 1.3.3.3 Pipeline Material Specifications; and
3. Resource Report 11, Section 11.5.4 Pipeline Design

Pipeline fittings will conform to ANSI 900 specifications, and the line pipe will be of one of the following or comparable material specifications:

- 30" O.D. x 0.720" W.T. API 5L Gr. X60; or
- 30" O.D. x 0.665" W.T. API 5L Gr. X65 – basis for hydraulic analysis; or
- 30" O.D. x 0.618" W.T. API 5L Gr. X70.

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Please do not hesitate to contact me with any questions regarding this submission.

Respectfully submitted,

*/s/ Brett A. Snyder*

Brett A. Snyder

*Counsel to Broadwater Energy LLC and  
Broadwater Pipeline LLC*

cc: James Martin, FERC  
Coordinating Agencies  
ENTRIX, Inc.  
Roger Stebbing and Associates

**CERTIFICATE OF SERVICE**

I hereby certify that I have this day served the foregoing document upon each person designated on the service list compiled by the Secretary in this proceeding in accordance with the requirements of Rule 2010 of the Commission's Rules of Practice and Procedure.

Dated at Washington, D.C. this 15th day of May, 2006.

/s/ Brett A. Snyder  
Brett A. Snyder