



**BP Exploration & Production Inc.**

200 WestLake Park Boulevard  
Houston, Texas 77079-2696  
Phone: 281-366-0307

**Simon Todd**

Vice President, Thunder Horse  
Gulf of Mexico

August 9, 2010

Bureau of Ocean Energy Management, Regulation,  
and Enforcement  
Attention: Mr. Michael J. Saucier (MS 5200)  
1201 Elmwood Park Boulevard  
New Orleans, Louisiana 70123

Re: Atlantis Platform

Dear Mr. Saucier:

On July 26, 2010, BP Exploration & Production, Inc. ("BP") received your letter dated July 21, 2010, in which the Bureau of Ocean Energy Management, Regulation, and Enforcement ("BOEM") requested copies of engineering drawings pertaining to the Atlantis platform. BP's response is enclosed.

Books 1-6 contain BP's response to your request (No. 1) for copies of structural drawings referenced in 30 C.F.R. § 250.903 and § 250.905. Further, in response to your request and pursuant to 30 C.F.R. § 250.905(k), BP hereby verifies the following with respect to the Atlantis platform:

The design of this structure has been certified by a recognized classification society, or a registered civil or structural engineer or equivalent, or a naval architect or marine engineer or equivalent, specializing in the design of offshore structures. The certified design and as-built plans and specifications will be on file at BP's offices in Houston, Texas.

Because the Atlantis platform is comprised of several different major components, in making the foregoing certification statement BP relies on the work of multiple engineers, rather than any single engineer.

Books 7-10 contain BP's response to your request (No. 2) for copies of those drawings associated with BP's Production Safety System Application, as well as copies of drawings of the subsea systems including umbilicals.

The table attached to this letter responds to your request for a list of the registered professional engineers associated with BP's certification in its letter dated August 1,

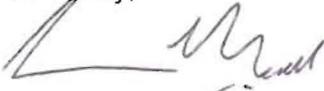
2005, concerning the design for the mechanical and electrical systems for the Atlantis semi-submersible production unit.

As BP has done throughout the agency's audit of engineering documents associated with Atlantis, BP has endeavored to respond to your letter as fully and completely as possible based on BP's understanding of the scope and intent of your requests. If upon reviewing this response BOEM determines that BP has not supplied all of the drawings and information that BOEM requires, please let us know and we will supplement this response to the best of our ability. As BOEM reviews BP's response to your letter, please note the following:

- (1) Because Atlantis is a semi-submersible platform, some of the types of structural drawings listed in the current platform regulations and identified in your letter (such as structural drawings pertaining to turrets) are categorically inapplicable to Atlantis.
- (2) Because the enclosed drawings were prepared by several different engineering firms, the nomenclature used to indicate the revision status of drawings differs among the numerous drawings contained in the enclosed books. For example, drawings by DSME used "Rev. 60" to denote an "as-built" drawing, while "as-built" drawings by FMC Technologies were typically labeled "design" because FMC builds equipment and structures to the design.

If BOEM requires any additional explanation of the enclosed materials, or if BOEM requires BP to supplement the enclosed materials, please let us know.

Sincerely,



Simon P. Todd

Vice President, Thunder Horse

Last Name	First Name	Area of Expertise	Credentials (State, Registration #)	Company (at time of Atlantis design)	Company address	Company phone
Hung	Thomas	Electrical Engineer	Texas, Reg # 48916	KBR	601 Jefferson, Houston, TX	713-753-7624
Norman	Dave	Electrical Engineer	UK, Chartered Engineer	BP	601 Jefferson, Houston, TX	713-753-8164
Arnin	Henry	Lead Mechanical Engineer	Texas #53795	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
Andersen	David	Mechanical Engineer	Texas, Reg # 91479	KBR	601 Jefferson, Houston, TX	713-753-5433
Barton	David	Structural Engineer	Texas, Reg # 78770	KBR	601 Jefferson, Houston, TX	713-753-5644
Bahari	Sam	Process Engineer	Texas #78420	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
Buller	Myles	Mechanical Engineer	NF, Canada Reg # 01625	KBR	601 Jefferson, Houston, TX	713-753-2089
Chumchal	William	Project Manager	Texas #85802	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
Comeaux	Ken	Electrical Engineering	Louisiana #0023284	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
Desai	Mike	Mechanical Engineer	Texas, Reg # 48859	KBR	601 Jefferson, Houston, TX	713-753-7403
Ellis	John	Upstream Coordinator/Civil/Struct/Marine PL Engineering	Texas #51872	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
Farris	Mark	Equipment Engineering	Texas #90118	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
Gephart	Joe	Piping Engineer	Texas #76632	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
Gilliam	William (Ken)	Control Systems Engineer	Texas, Reg # 80120	KBR	Houston, TX	713-215-8000
Hart	Jerry	TopSides Interface Coordinator	Texas #36323	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
Halmes	Mike	Upstream Process Engineering	Texas #41121	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
Knowlert	Steve	Upstream Sector Manager	Texas #72991	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
Lake	Jeff	Mechanical Facilities Engineering	Texas #61819	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
MacFarlane	James	Korean Site Construction MGR	Alberta, Canada Reg # 39706	BP Consultant	Unknown	281 222 0077
Parihar	Anun (A.K.)	Process Engineer	Texas, Reg # 92095	KBR	Houston, TX	281-428-3500
Peters	Walt	Mechanical Engineer	Texas #46805	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
Phillips	Ralph	Project Engineer	Texas #53702	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
Redmon	Paul	President	Texas #56485	Mustang	No Longer employed by Mustang	
Rivas	Gonzalo	Instrument Engineer	Texas #102825	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
Robinet	Bernie	Mechanical Engineer	Texas #55614	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
Robledo	Robert	Piping Stress Engineer	Texas, Reg # 46277	KBR	601 Jefferson, Houston, TX	713-753-7106
Sanders	Joe	Shared Engineering	Texas #49245	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
Songupta	Aparajita	HVAC Engineer	Texas, Reg # 48633	KBR	Houston, TX	713 892 0899
Shirley	Richard	Upstream Project Engineer Manager	Texas #56203	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
Smith	Sam	Rotating Eqpt. Engineer	Texas #72670	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000
Voltz	Don	Electrical Engineer	Alaska AEL E 9828	Mustang	No Longer employed by Mustang	
Westbrook	Dick	Upstream Project Director	Texas #54247	Mustang	16001 Park Ten Place, Houston, TX 77084	713-215-8000