Dynamic simulation for LNG unloading process

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The source of natural gas is normally separated from the point of use. It require necessary to transport the natural gas by large ship. Natural gas is generally transported oversea as cold liquid in large ship. At the LNG receiving terminal, the LNG is unloaded to storage tank through pipe line. During unloading process, there are significant problems. Because material balance of the ship or the tank is never zero, it should be simulated by using dynamic simulator. This study present behavior for LNG unloading process by using dynamic simulator. The result of this study aid to solving problem that discovered during LNG unloading process.