

**From:** Patricia Swain  
**Sent:** Wednesday, September 10, 2008 10:31 AM  
**To:** Larry Camper; Anna Bradford; Andrea Kock; Cynthia Barr; Andrew Mauer  
**Cc:** James Kennedy; Jackie Cook  
**Subject:** Resolution of Region IV, Technical Assistance Request dated July 7, 2008, TransCanada Material License 21-29258-01 (Docket No. 030-37442)

The LLWB responded to the above-referenced TAR regarding the appropriate disposition for two gauges containing cesium-137 sources being stored on petroleum pipeline located in the Gulf of Mexico. The licensee had requested to decommission these two devices using an alternate disposal method per 10 CFR 20.2002 using abandonment-in-place on the sea floor. The devices were originally installed in 1972 and had a specific activity of 200mCi; the estimated current specific activity (2008) is approximately 88mCi. The devices are buried under a minimum of 4 feet of cover, under 75 feet of water, and approximately 70 miles off the coast of Louisiana.

Upon confirmation from Region IV that the pipelines are still in use and the gauges affixed to the pipeline, OGC recommended (1) the license be amended to include a condition that the licensee seek NRC approval before the licensee could either convey, abandon (relinquish possession and control of), or remove the gauges from their current site, and (2) the long-term strategy is that the gauges remain permanently in place, with a possession/storage only license, renewed every 10 years, and for the source to decay fully in place per 10 CFR 20.2001(a)(2).

If you need additional information, please give me a call.

Thanks,  
Patti

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Mail Envelope Properties (C4A4C9A16294FB4CBA5A36312D05FFAC0ABBA63247)

**Subject:** Resolution of Region IV, Technical Assistance Request dated July 7, 2008, TransCanada Material License 21-29258-01 (Docket No. 030-37442)  
**Sent Date:** 9/10/2008 10:31:09 AM  
**Received Date:** 9/10/2008 10:31:09 AM  
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Files	Size	Date & Time
MESSAGE	17795	9/10/2008

Options  
Expiration Date:  
Priority: olImportanceNormal  
ReplyRequested: False  
Return Notification: False

Sensitivity: olNormal  
Recipients received: