

**Exhibit 1**

**EXPLANATION OF  
MODIFICATION APPLICATION  
UNDER FILE NO. 0053-EX-ML-2012**

This modification application is submitted in connection with the IR&D testing performed under this license, in order to add a new location at and around Gaithersburg, MD, with the same technical and operational parameters as currently authorized at and around Largo, FL.

Waiver of the Station ID requirements of Section 5.115 is respectfully requested.

Finally, this is to advise the Commission of the Stop Buzzer information that will apply to the experiments conducted under this license:

For operations at Largo, FL: Don Carlson - 610-202-5945

For operations at Gaithersburg, MD: Ron Rodrigues - 240-252-0157

No other changes are requested for the parameters under the license.