

EXHIBIT #1
Form 442 (Item No. 7)

Purpose of Request

The Toro Company ("Toro") is requesting authority under Section 5.3 of the Commission's rules to test Part 90 equipment for the purpose of (1) experimenting in scientific or technical radio research; (2) conducting technical demonstrations at trade shows and prospective customers' locations; (3) field strength surveys; and (4) development of radio technique, equipment, operational and engineering data.

Toro is continuing to develop new spectrum efficient devices and features for its FCC-certified radio-controlled irrigation management systems. These development efforts also are responsive to the Commission's evolving standards for narrow band technologies as adopted in its "refarming" proceedings.

Toro's irrigation radio frequency systems will be operated at trade shows and other venues to demonstrate how to automatically and efficiently manage hydraulic and electrical demands by using a system of modular stations (field satellites) which respond to narrow band signals from hand-held radios or a central control.

Its operation as proposed here will contribute to the development and extension of radio technology to promote efficient use of water and electricity, enhance reliability and enable effective irrigation management of larger areas.

Toro will accept grant of the authority requested here subject to the following condition: The equipment will operate only on frequencies identified in Section 90.35 of the Commission's rules; and experimental operations will not be conducted until frequency coordination or concurrence has been obtained as provided in Section 90.175 of the Commission's rules.