Based upon a request by Pacific Scientific Energetic Materials Company, 7073 West Willis Drive, Chandler, AZ 85226, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

**U.N. PROPER SHIPPING NAME AND NUMBER:**
Detonators, non-electric, for blasting, UN0455

**U.N. CLASSIFICATION CODE:** 1.4S

**REFERENCE NUMBER**      **PRODUCT DESIGNATION/PART NUMBER**
EX2009100297                P/N 2-350240-1

**NOTES:** This classification is only valid when the detonators are packaged as follows:
Inner Packaging - Bags, heat-sealed, static-resistant plastic, each containing one detonator. Intermediate Packaging - Receptacles, Schedule 40 steel with Schedule 40 end caps, each containing not more than two (2) inner packagings with internal aluminum protective discs at both ends. Outer Packaging - UN 4G fiberboard box, each containing not more than twenty (20) intermediate packagings in up to two layers of up to five(5) intermediate packagings per layer with sufficient cushioning material to prevent movement during transport.

**DATED:** 08/18/2010

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety