

## Exhibit SHN-019

**Erwin T. Prater**  
Certified Consulting Meteorologist  
Sargent & Lundy, LLC


Education:

University of Arkansas, Little Rock - M.B.A. – 2006  
University of Wyoming - Ph.D. Atmospheric Science – 1994  
University of Wyoming - M.S. Atmospheric Science – 1988  
Kent State University - B.A. Geography/Mathematics – 1985

Professional Certifications/Registrations:

Certified Consulting Meteorologist (#584), American Meteorological Society, Boston, MA (1998)

Dr. Prater has over 25 years of diversified consulting experience in meteorology/atmospheric science in industry and government. His government consulting experience includes NASA, U.S. Army, and the Department of Homeland Security. His industrial experience covers a wide range of industries and includes air quality modeling, accidental release modeling, expert testimony and financial risk modeling. He developed a technique for re-constructing post-accident reconstruction images on cockpit radar that has been used in several high-profile weather-related accidents. Dr. Prater has also taught courses on air dispersion modeling and risk management. He has published over 50 technical papers, ranging from peer-reviewed publications to software technical manuals.

United States Nuclear Regulatory Commission Official Hearing Exhibit	
In the Matter of:	SHINE MEDICAL TECHNOLOGIES, INC. (Medical Radioisotope Production Facility) Commission Mandatory Hearing
	<b>Docket #:</b> 05000608 <b>Exhibit #:</b> SHN-019-MA-CM01 <b>Admitted:</b> 12/15/2015 <b>Rejected:</b> <b>Other:</b>
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