

# CERTIFICATE OF COMPLETION

*Presented by*  
**Society of American Military Engineers**  
**Tulsa Post**

**This certifies that**

---

attended the Tulsa SAME Monthly post meeting on March 21, 2017 at the Tulsa District Corps of Engineers Office in Tulsa, Oklahoma. This program covered technical issues relevant to the engineering profession as outlined below. Speakers may double the PDHs for their topic.

Speaker: Wade Anderson, PE, Chief, Engineering and Construction with USACE SWT

Topic: Flood Risk Management During a Dam Safety Modification

*This presentation included an overview of the many challenges associated with modifying existing dams, which are quite different than building new dams. The presentation discussed dams and their ability to continue to support most or all of their authorized purposes as they are being modified, which often influences the decision on the features or sequencing of the construction modification. The Southwestern Division of USACE has completed or is completing major dam safety modifications on four projects. The operational and flood risk management decisions, designs, and construction sequencing approaches were presented for each of these projects.*



Michelle R. Lay, P.E.  
2017 President  
SAME Tulsa Post