

- Storage duration: Approximately 18 days based on silo capacity of 105,000 lbs. and total combined PAC consumption rate of 244 lb/hr (MRY Unit 1 at 86 lb/hr and MRV Unit 2 at 158 lb/hr)
- MRY Unit 1 (257 MWg)
 - Fuel Additive: ARQ (formerly ADA) M-Prove
 - Average M-Prove application rate: 6.0 ppm
 - Maximum M-Prove dosage pump rate: 18.0 ppm
 - Non-brominated PAC Injection:
 - Maximum Train A PAC injection at 100% feeder rate: 1.43 lb/min (approximately 86 lb/hr or 1.06 lb/MMacf)
 - Transport piping limited to 192 lb/hr (2.37 lb/MMacf) to avoid pluggage issues
 - PAC injected into flue gas using eight (8) lances located across the APH outlet duct.
 - The lance depths vary from 18" – 54" to provide even distribution of PAC into the flue gas stream
- MRY Unit 2 (470 MWg)
 - Fuel Additive: ARQ (formerly ADA) M-Prove
 - Average M-Prove application rate: 8.0 ppm
 - Maximum M-Prove dosage pump rate: 18.0 ppm
 - Non-brominated PAC Injection:
 - Maximum Train B and C PAC injection at 100% feeder rate: 2.64 lb/min (approximately 158 lb/hr or 1.12 lb/MMacf)
 - PAC injected into flue gas using eight (8) lances located across each of the North and South APH outlet ducts for a total of sixteen (16) lances.
 - The lance depths vary from 15" – 78" to provide even distribution of PAC into the flue gas stream