

## **Attachment to KUA Cane Island Wastewater Application Form 2CS**

KUA is proposing to build a new Unit 4 at its Cane Island Power Park. As a part of the operations of the expanded facility, KUA is requesting the option to discharge cooling tower flows from all 4 power generating units, estimated maximum flow of 0.55 MGD total, for short-term/emergency periods when the main cooling water source and discharge point, the Tohopekaliga Water Authority (Toho) reuse water pipeline access, is not available. The water to be discharged will not be chlorinated and will be discharged via existing stormwater detention ponds. The only treatment of the recycled cooling tower water is possible pH control with sulfuric acid.

Since this discharge activity is anticipated to be an infrequent, emergency situation, actual discharge analysis data is not available.