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Indiana Michigan Power
Cook Nuclear Plant
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March 22, 2018

AEP-NRC-2018-08
10 CFR 26.719

Docket Nos.: 50-315
50-316

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Donald C. Cook Nuclear Plant Units 1 and 2
10 CFR 26.719(c) Report
Unsatisfactory Performance of a Health and Human Services Certified Laboratory

In accordance with 10 CFR 26.719(c), Indiana Michigan Power Company, the licensee for Donald C. Cook Nuclear Plant Units 1 and 2, is submitting a 30 day report detailing unsatisfactory performance of a Health and Human Services Certified Laboratory.

This letter contains no new commitments. Should you have any questions, please contact me, at (269) 466-2649.

Sincerely,

M. K. Scarpello

Michael K. Scarpello
Regulatory Affairs Manager

KMH/db

Enclosure: 10 CFR 26.719(c) Report, Unsatisfactory Performance of a Health and Human Services Certified Laboratory

c: R. J. Ancona – MPSC
MDEQ – RMD/RPS
NRC Resident Inspector
J. K. Rankin – Washington D.C.
K. S. West – NRC Region III
A. J. Williamson – Ft. Wayne AEP, w/o enclosures

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ENCLOSURE TO AEP-NRC-2018-08
10 CFR 26.719(c) Report
Unsatisfactory Performance of a Health and Human Services Certified Laboratory

Summary of Issue:

On December 20, 2017, a blind specimen was submitted by Donald C. Cook Nuclear Plant (CNP) to Clinical Reference Laboratory (CRL) for performance testing. The initial screening indicated that the general oxidants were above normal and required confirmation. The Ion Chromatograph instrument that performs CRL's oxidant confirmation testing was out of service, requiring testing from an alternate laboratory for confirmation.

On December 29, 2017, CNP was notified that CRL mistakenly sent the sample to the alternate laboratory, Quest Atlanta, under authorization from Tennessee Valley Authority (TVA), not a CNP representative. This occurred due to the CRL personnel assigned to process send-outs mistakenly believing that the TVA authorization applied to other Nuclear Regulatory Commission utilities.

On January 5, 2018, CRL instructed Quest Atlanta to send the sample to MedTox, a laboratory affiliated with CNP. The sample was received by MedTox on January 6, 2018; however, the specimen was empty upon receipt.

Consequently, this sample was reported as invalid. CRL completed their evaluation of this performance error on March 8, 2018, and have agreed to perform the corrective actions detailed below to prevent recurrence.

Corrective Actions:

1. Guidance has been written to clarify steps required to be taken for each Utility that CRL performs testing for when it is identified that a specimen must be sent to an alternate laboratory for further testing. This action is complete.
2. The staff that is responsible for processing send-outs have been trained to the new established guidance. This action is complete.
3. A new instrument for oxidant confirmation testing has been purchased and CRL will resume testing for oxidant confirmation as soon as the instrument is delivered and methodology is validated to be in compliance with regulations. This action is expected to be complete mid-April 2018.