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A unit of American Electric Power

Indiana Michigan Power  
Cook Nuclear Plant  
One Cook Place  
Bridgman, MI 49106  
IndianaMichiganPower.com

May 9, 2018

AEP-NRC-2018-37  
10 CFR 50.4

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  
NOTIFICATION OF EMISSION CERTIFICATION

This letter provides Indiana Michigan Power Company's, the licensee for Donald C. Cook Nuclear Plant, Units 1 and 2, Emission Certification VEX-STNRCI-11-15 for EU-DRYCASKDSLGEN. Emission Certification VEX-STNRCI-11-15 is provided as an enclosure to this letter in accordance with Renewable Operating Permit MI-ROP-B4252-2018, Section V.1 and VI.2.

This letter contains no new commitments. Should you have any questions regarding this notification, please contact Mr. Jon Harner, Environmental Manager, at (269) 465-5901, extension 2102.

Sincerely,

Michael K. Scarpello  
Regulatory Affairs Director  
KMH/db

Enclosure: Emission Certification VEX-STNRCI-11-15

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

MOD3  
NRR

ENCLOSURE TO AEP-NRC-2018-37  
Emission Certification VEX-STNRCI-11-15



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Ms. Mary Douglas, District Supervisor  
Michigan Department of Environmental Quality  
Air Quality Division – Kalamazoo District  
7953 Adobe Road  
Kalamazoo, MI 49009-5026

April 18, 2018

Dear Ms. Douglas:

**Re: Indiana Michigan Power Company, Donald C. Cook Nuclear Power Plant  
SRN B4252 – FG-NSPSIII EU-DRYCASKDSLGEN Emission Certification**

In accordance with the requirements of Sections V.1 and VI.2, we are attaching a copy of the Engine Family Certification issued by USEPA and a photograph of the engine name plate identifying the Engine Family and Model Year for the engine located in the Dry Cask Storage Area at the Cook Nuclear Plant. We are supplying this information in lieu of performing the stack test described in Section V.1. of FG-NSPSIII covering the Dry Cask Storage Area Diesel Generator at the Cook Nuclear Plant. We will retain copies of this information at the site for inspection in the future.

If you have any questions about this information, please contact David Long in the Air Quality Services Section of AEPSC at 614-716-1245 or Blair Zordell of my staff at 269-465-5901x 2006

Sincerely,

Jon H. Harner  
Nuclear Environmental Manager

Enclosures

cc: B. K. Zordell – w/attachments  
D. J. Long – Columbus - w/attachments



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF TRANSPORTATION AND AIR QUALITY  
WASHINGTON, DC 20460



CERTIFICATE OF CONFORMITY  
2011 MODEL YEAR

Manufacturer: **IVECO S.P.A.**  
Engine Family: **BVEXL06.7DGB**  
Certificate Number: **VEX-STNRCI-11-15**  
Intended Service Class: **NR 5 (75-130)**  
Fuel Type: **DIESEL**  
FELs: **NMHC + NOx: N/A      NOx: N/A      PM: N/A**  
Effective Date: **11/23/2010**  
Date Issued: **11/23/2010**

Karl J. Simon, Director  
Compliance and Innovative Strategies Division  
Office of Transportation and Air Quality

Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Part 60 and Part 89, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform to applicable requirements and which represent the following stationary engines, by engine family, more fully described in the documentation required by 40 CFR Part 60 and 89, and produced in the stated model year.

This certificate of conformity covers only those new stationary compression-ignition engines which conform in all material respects to the design specifications that applied to those engines described in the documentation required by 40 CFR Part 60 and 89 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR Part 60.

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR 89.129-96 and 89.506-96 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to a revocation or suspension of this certificate for reasons specified in 40 CFR Part 89. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void ab initio for other reasons specified in 40 CFR Part 89.

This certificate does not cover stationary engines sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.

**FPT** FPT Industrial

### IMPORTANT ENGINE INFORMATION

|               |              |           |              |                  |       |            |
|---------------|--------------|-----------|--------------|------------------|-------|------------|
| Engine family | BVEXL06.7DGB | Model     | F4GE9485A*J  | Manufacture Date | 05-11 |            |
| Engine Power  | 132 @ 1800   | BHP @ RPM | Displacement | 274              | ECs   | DDI EM TAA |

The engine conforms to 2011 model year U.S. EPA regulations for large stationary compression-ignition engines. This engine is exempted from the requirements of 40 CFR parts 89 and 1039, and is excluded from the requirements of 40 CFR, Part 1014, Article 4 as a "stationary engine". Installing or using this engine in any other application may be a violation of Federal and California law subject to civil penalty.

**THIS ENGINE IS FPT STATIONARY EMERGENCY USE ONLY.**

**FPT**  
INDUSTRIAL ENGINEERING

**F4GE9485A\***

**\*J602- 00863070 \***

