



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

April 13, 2015

Mr. Ernest J. Harkness  
Site Vice President  
FirstEnergy Nuclear Operating Company  
Mail Stop A-PY-A290  
P.O. Box 97, 10 Center Road  
Perry, OH 44081-0097

SUBJECT: PERRY NUCLEAR POWER PLANT, UNIT NO. 1 – REQUEST FOR ADDITIONAL  
INFORMATION CONCERNING BATTERY SURVEILLANCE TEST  
FREQUENCIES (TAC NO. MF5298)(L-14-271)

Dear Mr. Harkness:

By application dated November 24, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14328A665), FirstEnergy Nuclear Operating Company (FENOC, the licensee) submitted a license amendment request for the Perry Nuclear Power Plant. The proposed amendment is intended to revise the battery capacity testing surveillance requirements in the technical specification to reflect test requirements when the battery is near end of life. The U.S. Nuclear Regulatory Commission (NRC) staff is reviewing your submittal and has determined that additional information is required to complete the review. The specific information requested is addressed in the enclosure. During a discussion with Mr. Phil Lashley of your staff on April 1, 2015, it was agreed that FENOC would provide a response within 30 days from the date this letter is electronically distributed.

The NRC staff considers that timely responses to requests for additional information help ensure sufficient time is available for staff review and contribute toward the NRC's goal of efficient and effective use of staff resources.

E. Harkness

- 2 -

Should circumstances result in the need to revise the requested response date, please contact me at (301) 415-2315.

Sincerely,

*/RA/*

Eva A. Brown, Senior Project Manager  
Plant Licensing III-2 and  
Planning and Analysis Branch  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-440

Enclosure:  
Request for Additional Information

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION  
REVISION TO BATTERY CAPACITY SURVEILLANCE REQUIREMENTS  
FIRSTENERGY NUCLEAR OPERATING COMPANY (FENOC)  
PERRY NUCLEAR POWER PLANT, UNIT NO. 1  
DOCKET NO. 50-440

1. In Section 2.0 of the submittal dated November 24, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14328A665), FENOC states:

[i]f the DC [direct current] batteries are the only available power source, the maintenance tie circuit breaker may be closed to allow the Unit 1 and Unit 2 [Class 1E] batteries to be paralleled.

Address whether the impact of paralleling the Units 1 and 2 Class 1 E batteries, such as contribution of additional short circuit current from the Unit 2 batteries, protection coordination, and protective devices ratings among other factors has been considered in the design of Unit 1, 125 volts DC system.

E. Harkness

- 2 -

Should circumstances result in the need to revise the requested response date, please contact me at (301) 415-2315.

Sincerely,

*/RA/*

Eva A. Brown, Senior Project Manager  
Plant Licensing III-2 and  
Planning and Analysis Branch  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-440

Enclosure:  
Request for Additional Information

cc w/encl: Distribution via Listserv

DISTRIBUTION:

PUBLIC	LPLIII-2 Reading File	RidsAcrcsAcnw_MailCTR Resource
RidsNrrDorl Resource	RidsNrrDorlLplll-2 Resource	RidsNrrPMPerry Resource
AFoli	TMartinez	RidsOgcMailCenter Resource
RidsNrrLASRohrer Resource	PSnyder	RidsRgn3MailCenter Resource
RidsNrrDssStsb	RidsNrrDeEeeb Resource	

**ADAMS Accession No. ML15096A051**

**NRR-106**

OFFICE	LPLII-2/PM	LPLIII-2/LA	EEEE/BC	LPLIII-2/BC
NAME	EBrown	SRorher	JZimmeman by memo	TTate
DATE	4/6/15	4/6/15	3/17 /15	4/13/15

**OFFICIAL RECORD COPY**