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Site Vice President

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10 CFR 50.71(e)

Serial: RNP-RA/17-0063

SEP 25 2017

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/ RENEWED LICENSE NO. DPR-23

**SUBMITTAL OF UPDATED FINAL
SAFETY ANALYSIS REPORT, REVISION NO. 27**

Ladies and Gentlemen:

In accordance with the requirements of 10 CFR 50.71(e), Duke Energy Progress, LLC is submitting Revision No. 27 to the Updated Final Safety Analysis Report (UFSAR) for the H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2. In accordance with 10 CFR 50.71(e)(4), this UFSAR revision is being submitted within six months following the most recent refueling outage, which concluded on April 8, 2017.

Revision No. 27 includes changes to the facility as described in the UFSAR made in accordance with the requirements of 10 CFR 50.71(e) for the period from October 28, 2015, to August 10, 2017. The changes made during this period are identified by vertical lines in the margins of the pages indicated as Revision No. 27.

By letter dated January 19, 2016 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16019A031) Duke Energy informed the NRC of the adoption of a common, fleet Quality Assurance Topical Report. The Quality Assurance Topical Report supersedes the quality assurance program description previously contained in UFSAR Section 17.3, *RNP Quality Assurance Program Description*.

Enclosure 1 to this letter provides a listing of the CD-ROM files that make up this UFSAR submission, including the file name, file size, and sensitivity level. Enclosure 2 provides a copy of the UFSAR, on CD-ROM, which has been redacted for public use. Enclosure 3 provides the non-public use version of the UFSAR, on CD-ROM, which is not redacted. Duke Energy has marked the information as "Sensitive Non-Publicly Available Information - Withhold In Accordance With 10 CFR 2.390."

Enclosure 3 to this letter contains

~~SENSITIVE NON-PUBLICLY AVAILABLE INFORMATION - WITHHOLD IN ACCORDANCE WITH 10 CFR 2.390~~
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United States Nuclear Regulatory Commission
Serial: RNP-RA/17-0063
Page 2 of 2

I certify that the information accurately presents changes made since the previous submittal, necessary to reflect information and analyses submitted to the Commission or prepared pursuant to Commission requirements.

There are no new commitments made in this letter. If you have any questions concerning this matter, please contact Tony Pilo, Manager – Nuclear Regulatory Affairs, at (843) 857-1409.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on 25 SEPT 2017.

Sincerely,



Ernest J. Kapopoulos, Jr.
Site Vice President

EJK/cac

Enclosures:

1. Listing of UFSAR, Revision 27, CD-ROM Files
 2. CD-ROM Titled, "H. B. Robinson Steam Electric Plant, Unit No. 2, Updated Final Safety Analysis Report Revision No. 27" (**Publicly Available Information**)
 3. CD-ROM Titled, "H. B. Robinson Steam Electric Plant, Unit No. 2, Updated Final Safety Analysis Report Revision No. 27" (**Sensitive Non-Publicly Available Information - Withhold in Accordance With 10 CFR 2.390**)
- c: NRC Resident Inspectors, HBRSEP, Unit No. 2 (Enclosure 3)
NRC Regional Administrator, Region II (Enclosure 3)
Mr. Dennis Galvin, NRC Project Manager, NRR (Enclosure 3)
INPO (Enclosure 2)

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Enclosure 1 to Serial: RNP-RA/17-0063
Page 1 of 3

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

Listing of UFSAR, Revision 27, CD-ROM Files

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Enclosure 1 to Serial: RNP-RA/17-0063
Page 2 of 3

File Listing for publicly available CD-ROM Titled, "H. B. Robinson Steam Electric Plant, Unit No. 2, Updated Final Safety Analysis Report Revision No. 27" (**Publicly Available Information**)

File Name	File Size	Sensitivity Level
000_UFSAR List of Effective Pages_Table of Contents.pdf	139264 bytes	Publicly Available
001_UFSAR Chapter 1_REDACTED Fig 1.2.2-1 thru Fig 1.2.2-12.pdf	200704 bytes	Publicly Available
002_UFSAR Chapter 2.pdf	54657024 bytes	Publicly Available
003_UFSAR Chapter 3.pdf	82702336 bytes	Publicly Available
004_UFSAR Chapter 4.pdf	9314304 bytes	Publicly Available
005_UFSAR Chapter 5.pdf	9359360 bytes	Publicly Available
006_UFSAR Chapter 6.pdf	21868544 bytes	Publicly Available
007_UFSAR Chapter 7.pdf	12607488 bytes	Publicly Available
008_UFSAR Chapter 8.pdf	3223552 bytes	Publicly Available
009_UFSAR Chapter 9.pdf	14737408 bytes	Publicly Available
010_UFSAR Chapter 10.pdf	5885952 bytes	Publicly Available
011_UFSAR Chapter 11.pdf	8032256 bytes	Publicly Available
012_UFSAR Chapter 12.pdf	720896 bytes	Publicly Available
013_UFSAR Chapter 13.pdf	180224 bytes	Publicly Available
014_UFSAR Chapter 14.pdf	471040 bytes	Publicly Available
015_UFSAR Chapter 15.pdf	11415552 bytes	Publicly Available
016_UFSAR Chapter 16.pdf	32768 bytes	Publicly Available
017_UFSAR Chapter 17.pdf	446464 bytes	Publicly Available
018_UFSAR Chapter 18.pdf	139264 bytes	Publicly Available

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Enclosure 1 to Serial: RNP-RA/17-0063
Page 3 of 3

File Listing for non-publicly available CD-ROM Titled, "H. B. Robinson Steam Electric Plant, Unit No. 2, Updated Final Safety Analysis Report Revision No. 27" (**Sensitive Non-Publicly Available Information - Withhold in Accordance With 10 CFR 2.390**)

File Name	File Size	Sensitivity Level
000_UFSAR List of Effective Pages_Table of Contents.pdf	139264 bytes	Non-Publicly Available
001_UFSAR Chapter 1.pdf	9699328 bytes	Non-Publicly Available
002_UFSAR Chapter 2.pdf	54657024 bytes	Non-Publicly Available
003_UFSAR Chapter 3.pdf	82702336 bytes	Non-Publicly Available
004_UFSAR Chapter 4.pdf	9314304 bytes	Non-Publicly Available
005_UFSAR Chapter 5.pdf	9359360 bytes	Non-Publicly Available
006_UFSAR Chapter 6.pdf	21868544 bytes	Non-Publicly Available
007_UFSAR Chapter 7.pdf	12607488 bytes	Non-Publicly Available
008_UFSAR Chapter 8.pdf	3223552 bytes	Non-Publicly Available
009_UFSAR Chapter 9.pdf	14737408 bytes	Non-Publicly Available
010_UFSAR Chapter 10.pdf	5885952 bytes	Non-Publicly Available
011_UFSAR Chapter 11.pdf	8032256 bytes	Non-Publicly Available
012_UFSAR Chapter 12.pdf	720896 bytes	Non-Publicly Available
013_UFSAR Chapter 13.pdf	180224 bytes	Non-Publicly Available
014_UFSAR Chapter 14.pdf	471040 bytes	Non-Publicly Available
015_UFSAR Chapter 15.pdf	11415552 bytes	Non-Publicly Available
016_UFSAR Chapter 16.pdf	32768 bytes	Non-Publicly Available
017_UFSAR Chapter 17.pdf	446464 bytes	Non-Publicly Available
018_UFSAR Chapter 18.pdf	139264 bytes	Non-Publicly Available

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Enclosure 2 to Serial: RNP-RA/17-0063

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

CD-ROM Titled, "H. B. Robinson Steam Electric Plant, Unit No. 2, Updated
Final Safety Analysis Report Revision No. 27"
(Publicly Available Information)

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H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

CD-ROM Titled, "H. B. Robinson Steam Electric Plant, Unit No. 2, Updated
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