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TALEN ENERGY

January 4, 2016

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U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

BELL BEND NUCLEAR POWER PLANT
CORRECTION TO ER TABLE 5.4-20
BNP-2016-001 Docket No. 52-039

References: 1) Jennifer L. Dixon-Herrity (NRC) to R. R. Sgarro (Bell Bend, LLC), "Bell Bend COLA- Notice of Availability of the Draft Environmental Impact Statement for the Combined License Application for Bell Bend Nuclear Power Plant," dated April 16, 2015

2) BNP-2015-031, R. R. Sgarro (Bell Bend, LLC) to U.S. NRC, "Corrections to BBNPP Environmental Report" dated June 18, 2015

Reference 1 gave notice of the availability of the Draft Environmental Impact Statement (DEIS) for the Combined License Application (COLA) for the Bell Bend Nuclear Power Plant (BBNPP). In Talen Energy's subsequent review of this document we noted that the NRC had identified two minor errors in the BBNPP Environmental Report (ER) that they corrected in the DEIS. Other minor errors were also identified during this review. The purpose of this letter is to document the correction of one additional value in BBNPP ER Table 5.4-20. The Enclosure provides a markup of the change.

This revised COLA content will be included in a future COLA revision, and is the only regulatory commitment in this correspondence.

Should you have questions, please contact the undersigned at 610.774.7552.

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

Executed on January 4, 2016.

Respectfully,

Rocco R. Sgarro

RRS/kw

Enclosure: Correction to ER Table 5.4-20

cc: w/ Enclosure

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Enclosure

Correction to ER Table 5.4-20

Table 5.4-20— Gaseous Pathway Doses for Maximally Exposed Individuals (MEI)[1]

Location	Pathway	Total Body (mrem/yr)	Max. Organ (mrem/yr)	Skin (mrem/yr)
Nearest[1] OCA[2] Boundary 0.16 mi, WSW	Plume	1.26E+00	1.26E+00	3.93E+00
Nearest[1] Residence 0.79 mi, NNE	Ground	5.28E-04	5.28E-04	~~5.28E-04~~
Nearest[1] Residence 0.79 mi NNE	Inhalation			
	Adult	5.83E-03	1.0	5.81E-03
	Teen	5.88E-03	1.29E-04	5.86E-03
	Child	5.20E-03	1.58E-04	5.18E-03
	Infant	2.99E-03	8.25E-05	2.98E-03
Nearest[1] Garden 0.25 mi SSW	Vegetable			
	Adult	1.64E-01	7.67E-01	1.63E-01
	Teen	2.66E-01		2.65E-01
	Child	6.32E-01		6.31E-01
	Infant	0.00E+00		0.00E+00
Nearest[1] Milk Animal 0.74 mi SSW	Cow Milk			
	Adult	1.69E-02		1.67E-02
	Teen	3.04E-02	1.45E-01	3.03E-02
	Child	7.35E-02	3.56E-01	7.32E-02
	Infant	1.52E-01	6.97E-01	1.52E-01
Nearest[3] Meat Animal 0.33 mi WSW	Meat			
	Adult	7.30E-02	3.53E-01	7.29E-02
	Teen	6.11E-02	2.99E-01	6.11E-02
	Child	1.14E-01	5.61E-01	1.14E-01
	Infant	0.00E+00	0.00E+00	0.00E+00

Note:

1. For a given dose pathway (i.e., plume, ground, inhalation, vegetable, milk, or meat), "nearest" refers to the fact that the location in this table was determined to be the maximum dose location for all of the "nearest" receptor locations (i.e., the nearest OCA boundary, residence, garden, milk animal, or meat animal within each of the 16 meteorological sectors) for that pathway.
2. "OCA" is the acronym for "Owner Controlled Area."
3. Nearest meat animal assumed to be at limiting site boundary location since actual location of animals within 5 miles is not available (SSES, 2010).

6.2E-04

Note: This change is in addition to the changes made via BNP-2015-031 dated June 18, 2015