



**Nebraska Public Power District**

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NLS2016038  
June 13, 2016

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555-0001

**Subject:** Supplement to License Amendment Request to Replace Figure with Text in  
Technical Specifications  
Cooper Nuclear Station, Docket No. 50-298, DPR-46

**Reference:** Letter from Oscar A. Limpias, Nebraska Public Power District, to the U.S.  
Nuclear Regulatory Commission, dated September 8, 2015, "License Amendment  
Request to Replace Figure with Text in Technical Specifications"

Dear Sir or Madam:

The purpose of this letter is for the Nebraska Public Power District to correct a typographical error identified during the review of the referenced submittal.

The proposed licensed amendment request contains a typographical error in Technical Specifications (TS) Section 1.1, Definitions. Specifically, DOSE EQUIVALENT 1-131 should be DOSE EQUIVALENT I-131.

Attachment 1 provides the marked up TS page. Attachment 2 provides the final typed format TS page to be issued with the amendment.

The editorial change submitted in this letter does not affect the technical or regulatory analysis included in the referenced submittal.

This letter contains no regulatory commitments.

Should you have any questions concerning this matter, please contact Jim Shaw, Licensing Manager, at (402) 825-2788.

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

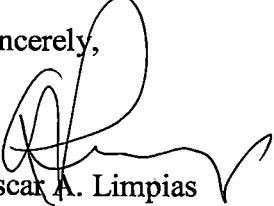
Executed on: 06/13/16  
(Date)

ADD  
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Page 2 of 2

Sincerely,



Oscar A. Limpas  
Vice President – Nuclear and  
Chief Nuclear Officer

/jo

Attachments: 1. Proposed Technical Specifications Revision (Markup)  
2. Proposed Technical Specifications Revision (Final Typed Format)

cc: Regional Administrator w/ attachments  
USNRC - Region IV

Cooper Project Manager w/ attachments  
USNRC - NRR Project Directorate IV-1

Senior Resident Inspector w/ attachments  
USNRC - CNS

Nebraska Health and Human Services w/ attachments  
Department of Regulation and Licensure

NPG Distribution w/o attachments

CNS Records w/ attachments

**Attachment 1**

**Proposed Technical Specifications Revision  
(Markup)**

**Cooper Nuclear Station, NRC Docket No. 50-298, DPR-46**

Revised Pages

1.1-3

1.1 Definitions

I-131

DOSE EQUIVALENT I-131  
(continued)

I-133, I-134, and I-135 actually present. The DOSE EQUIVALENT I-131 concentration is calculated as follows:  
$$\text{DOSE EQUIVALENT I-131} = (I-131) + 0.0060 (I-132) + 0.17 (I-133) + 0.0010 (I-134) + 0.029 (I-135)$$
The dose conversion factors used for this calculation are those listed in Federal Guidance Report (FGR) 11, "Limiting Values of Radionuclide Intake and Air Concentration and Dose Conversion Factors for Inhalation, Submersion, and Ingestion," 1989.

LEAKAGE

LEAKAGE shall be:

a. Identified LEAKAGE

1. LEAKAGE into the drywell, such as that from pump seals or valve packing, that is captured and conducted to a sump or collecting tank; or
2. LEAKAGE into the drywell atmosphere from sources that are both specifically located and known either not to interfere with the operation of leakage detection systems or not to be pressure boundary LEAKAGE;

b. Unidentified LEAKAGE

All LEAKAGE into the drywell that is not identified LEAKAGE;

c. Total LEAKAGE

Sum of the identified and unidentified LEAKAGE;

d. Pressure Boundary LEAKAGE

LEAKAGE through a nonisolable fault in a Reactor Coolant System (RCS) component body, pipe wall, or vessel wall.

LINEAR HEAT GENERATION RATE (LHGR)

LHGR

The LHGR shall be the heat generation rate per unit length of fuel rod. It is the integral of the heat flux over the heat transfer area associated with the unit length.

LOGIC SYSTEM FUNCTIONAL TEST

A LOGIC SYSTEM FUNCTIONAL TEST shall be a test of all logic components required for OPERABILITY of a logic circuit.

(continued)

**Attachment 2**

**Proposed Technical Specifications Revision  
(Final Typed Format)**

**Cooper Nuclear Station, NRC Docket No. 50-298, DPR-46**

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