NRC STAFF PROPOSES TO AMEND RENEWED FACILITY OPERATING LICENSE AT THE FORT CALHOUN STATION, UNIT 1

The U.S. Nuclear Regulatory Commission (NRC) staff has received an application dated July 21, 2013, from Omaha Public Pow-er District (OPPD, the licensee), for an exigent amendment to the renewed operating license for the Fort Calhoun Station. Unit 1, located in Washington County, Nebraska.

The proposed amendment would revise the Updated Safety Analysis Report (USAR) for the design-basis tornado (DBT) and tornado missiles to include Regulatory Guide (RG) 1.76, Revision 1. "Design-Basis Tornado and Tornado Missiles for Nuclear Power Plants," and Bechtel Power Corporation, Topical Report BC-TOP-9A, Revision 2, September 1974, 'Design of Structures for Missile Impact.' As described in the license amendment application, the changes will revise the current iclensing basis (CLB) pertaining to protection from tornadoes and tornado-generated missiles. Section C of RG 1.76, Revision 1 setablished the regulatory position for licensees to use in selection public health and safety. BC-TOP-9A, Revision 2 provides a methodology approved by the Atomic Energy Commission (AEC) for evaluating the impact of tornado missiles. With these changes, the Ilcensee ensures that the plant can reach safe shutdown and be maintained in a safe shutdown condition during a tornado in accordance with Appendix G, Criterion 2, of the USAR.

In its July 21, 2013 license amendment application, OPPD described installing physical protection against tornadoes for certain equipment. During equipment installation, and associated reviews of the existing licensing basis and discussions with the NRC staff, OPPD determined that it needed to request the amendment described above. OPPD explained that it did not submit the amendment sooner because it had not previously concluded that prior NRC approval was required. OPPD noted that these changes must be obtained to support plant startup and that due to the complex and integrated nature of the activities required to recover from an extended outage, an extended delay in a key activity would have a cascading, adverse impact on the resumption of operations. Therefore, OPPD requested that the license amendment request be processed under exigent circumstances in accordance with paragraph 50.91(a)(6) of Title 10 of the Code of Federal Regulations (10 CFR). An "exigent" amendment reduces the time the public and State have to comment on the associated issue of "no significant hazards consideration" and allows for notice to be provided through local media (e.g., a newspaper) instead of through the Federal Register. 10 CFR 90.91(a)(6)(d)).

The Commission's regulation at 10 CFR 50.91(a)(1) requires that, at the time a licensee requests an amendment, the licensee must provide to the Commission the licensee's analysis about the issue of no significant hazards consideration using the standards in § 50.92, which concern whether the proposed amendment (1) Involves a significant increase in the probability or consequences of an accident previously evaluated; or (2) creates the possibility of a new or different kind of accident from any accident previously evaluated; or (3) involves a significant reduction in a margin of safety.

Accordingly, the licensee provided the following information:

1. Does the proposed amendment involve a significant increase in the probability or consequences of an accident previously evaluated?
Response: No.

The proposed change does not increase the probability or consequences of an accident previously evaluated. The proposed change is more comprehensive than the CLB as it will require consideration of the vertical velocity component of DBT missiles, and use an approved methodology BC-TOP-9A for analyzing tornado missile impact. This will provide a basis for analyzing and protecting designated SSCs (structures, systems, and components) using protective barriers to enable the plant to reach safe shutdown and be maintained in a safe shutdown condition during a tornado.

Therefore, the proposed change does not involve a significant increase in the probability or consequences of an accident p

The proposed amendment provides the regulatory basis for changing the CLB to require compliance with RG 1.76, Revision I for the DBT and associated missiles, and use an approved methodology BC-TOP-9A for analyzing tornado missile impact. The proposed amendment does not involve a change in methods governing plant operation. The proposed amendment requires consideration of the vertical velocity component of DBT missiles not presently required by the CLB. Designated SSCs are protected by barriers against the RG 1.76, Revision 1 DBT and associated missiles to ensure the plant can reach safe shutdown and be maintained in a safe shutdown condition during a tornado.

No new interactions between systems or components are created. No new failure mechanisms of associated systems will ex-ist. The proposed amountment ensures that designated SSCs are protected from the effects of the DBT and associated mis-siles in accordance with current NRC guidance.

Therefore, the amendment does not create the possibility of a new or different kind of accident from any previously eva<mark>l</mark>uated.

3. Does the proposed amendment involve a significant reduction in a margin of safety? Response: No.

The proposed amendment provides the regulatory basis for changing the CLB to utilize updated NRC guidance regarding the characteristics of the DBT and associated missiles. Designated SSCs are protected in accordance with the most recent NRC guidance and approved methodologies as documented above regarding the characteristics of the DBT and DBT missiles and how to analyze their impact on structures, systems and components. The proposed amendment does not alter the manner in which safety limits of limiting safety system settings are determined. The safety analysis acceptance criteria are not affected by the proposed amendment. Further, the proposed amendment does not change the design function of any equipment of the design of the desig

Therefore, the proposed amendment does not involve a significant reduction in a margin of safety

Following the NRC Staff's initial review of this license a significant reduction in a margin of safety.

Following the NRC Staff's initial review of this license amendment application, the requested against the standards in § 50.92 and the NRC Staff has made a proposed (preliminary) determination that the requested amendment involves no significant hazards considerations. The changes do not significantly increase the probability or consequences of any accident previously considered, nor create the possibility of an accident a different kind, nor significantly decrease any margin of safety. The staff notes that the analyzed accidents can be found in Chapter 14 of the Fort Calhoun Station USAR.

If the proposed determination that the requested license amendment involves no significant hazards consideration becomes final, the staff will issue the amendment without first offering an opportunity for a public hearing. An opportunity for a hearing will be published in the Federal Register at a later date and any hearing request will not delay the effective date of the amendment.

Comments on the proposed determination of no significant hazards consideration may be (1) telephoned to Joseph M. Sebrosky, Senior Project Manager, Plant Licensing Branch IV, by collect call to 301 415-1832, or by facsimile to 301-415-1885, (2) e-mailed to joseph-Sebrosky@nr.copy (3) submitted in writing to the Chief, Rules, Announcements and Directives Branch, Division of Administrative Services, Office of Administration. U.S. Nuclear Regulatory Commission, Washington, DC 2055-001. All comments received by close of business on July 25, 2013, from 7:30 a.m. to 4:15 p.n. federal workdays will be considered in reaching a final determination. A copy of the application dated July 21, 2013, may be examined electronically through the NRC's Agencywide Documents Access and Management System (ADAMS) at Accession, ML1320313.15 in the NRC Lieuwith and the Chief of the Chief

Proof of publication

AFFIDAVIT

State of Nebraska, County of Douglas, ss:

Kiley Petersen, being duly sworn, deposes and says that he/she is an employee of The Omaha World-Herald, a legal daily newspaper printed and published in the county of Douglas and State of Nebraska, and of general circulation in the Counties of Douglas, and Sarpy and State of Nebraska, and that the attached printed notice was published two times in the said newspaper the first insertion having been on July 24, 2013 and thereafter on July 25, 2013, and that said newspaper is a legal newspaper under the statutes of the State of Nebraska. The above facts are within my personal knowledge. The Omaha World-Herald has an average circulation of 136,645 Daily and 170,486 Sunday, in 2013.

	:#:										
Subscribed July	in my	presence 2013.	and	sworn	to	before	me	this	26	day	0
						_		172201			

Title: Account Executive

Printer's Fee \$	
Affidavit	
Paid By	

GENERAL NOTARY-State of Mebraska

HILLARY ADDISON