

Docket Number 50-346
License Number NPF-3
Serial Number 3195

September 29, 2005

United States Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Subject: Supplement to the Combined Annual Radiological Environmental Operating Report
and Radiological Effluent Release Report

Ladies and Gentlemen:

During a recent internal review of the Davis-Besse Nuclear Power Station Radioactive Effluents Program, an omission of information was noted in the 2004 Combined Annual Radiological Environmental Operating Report and Radiological Effluent Release Report, dated April 28, 2005, which was submitted to the Nuclear Regulatory Commission (NRC) under letter Serial Number 3149. Specifically, Table 19 on page 98, which lists the lower limit of detection (LLD) for radioactive gamma-emitting nuclides in Continuous and Batch Mode gaseous releases, was missing the LLD for Iodine 131 (I-131). Additionally, the LLD for Argon 41 (Ar-41) contained a typographical error. These errors were not significant in nature.

Mr. Jack Rutkowski, Davis-Besse Nuclear Power Station NRC Resident Inspector, was notified of the omission of information via telephone on August 31, 2005. Mr. Rutkowski was informed that a written letter and the corrected page 98 would be submitted to your office within 30 days. The corrections are identified by revision bars in the right hand margin.

Should you have any questions or require additional information, please contact Mr. William E. Rayburn, Supervisor – Nuclear Chemistry Services, at (419) 321-8241.

Very truly yours,

Steven A. Jackson for BSA

Barry S. Allen
Director – Site Operations
Davis-Besse Nuclear Power Station

AMP:AWB/s

Enclosures

cc: NRC Region III Administrator
DB-1 NRC Senior Resident Inspector
DB-1 NRC/NRR Project Manager
Utility Radiological Safety Board of Ohio

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Docket Number 50-346
License Number NPF-3
Serial Number 3195
Enclosure 1

**Combined Annual Radiological Environmental Operating Report
and Radiological Effluent Release Report**

**Table 19, Gaseous Effluents - Mixed Mode Releases
Page 98**

(one page to follow)

Table 19 (Continued)
Gaseous Effluents - Mixed Mode Releases

Continuous Mode ^a			Batch Mode ^a		
Ar-41	<2.9E-08	μCi/ml	Kr-87	<4.5E-06	μCi/ml
Kr-85	<3.3E-06	μCi/ml	Kr-88	<6.6E-06	μCi/ml
Kr-85m	<1.3E-08	μCi/ml	Xe-135	<1.4E-05	μCi/ml
Kr-87	<6.0E-08	μCi/ml	Xe-135m	<2.1E-06	μCi/ml
Kr-88	<6.0E-08	μCi/ml	Xe-138	<2.8E-05	μCi/ml
Xe-131m	<4.4E-07	μCi/ml	Ar-41	<1.9E-06	μCi/ml
Xe-133m	<7.2E-08	μCi/ml	Kr-85	<1.2E-06	μCi/ml
Xe-135	<1.1E-08	μCi/ml	Xe-133	<2.4E-06	μCi/ml
Xe-135m	<5.9E-06	μCi/ml	Xe-133m	<1.0E-05	μCi/ml
Xe-138	<2.0E-05	μCi/ml			
I-135 ^c	<3.9E-10	μCi/ml			
Mn-54 ^c	<2.6E-14	μCi/ml			
Fe-59 ^c	<3.0E-14	μCi/ml			
Co-58 ^c	<3.0E-14	μCi/ml			
Co-60 ^c	<2.5E-14	μCi/ml			
Zn-65 ^c	<1.0E-13	μCi/ml			
Mo-99 ^c	<1.8E-14	μCi/ml			
Cs-134 ^c	<1.6E-14	μCi/ml			
Cs-137 ^c	<1.3E-14	μCi/ml			
Ce-141 ^c	<1.2E-13	μCi/ml			
Ce-144 ^c	<1.2E-14	μCi/ml			
Ba-140 ^c	<4.0E-14	μCi/ml			
La-140 ^c	<1.0E-14	μCi/ml			
Sr-89 ^{b,c}	<9.3E-16	μCi/ml			
Sr-90 ^{b,c}	<3.1E-16	μCi/ml			
I-131	<9.8E-15	μCi/ml			

- a These radionuclides were not identified in every quarter in concentrations above the lower limit of detection (LLD). The largest LLD value is listed.
- b Quarterly composite sample for continuous mode.
- c Analysis not required for batch release.

Docket Number 50-346
License Number NPF-3
Serial Number 3195
Enclosure 2
Page 1 of 1

COMMITMENT LIST

The following list identifies those actions committed to by the Davis-Besse Nuclear Power Station in this document. Any other actions discussed in the submittal represent intended or planned actions by Davis-Besse. They are described only as information and are not regulatory commitments. Please notify the Manager, Regulatory Compliance, at (419) 321-8585 at Davis-Besse of any questions regarding this document or any associated regulatory commitments.

COMMITMENTS

None

DUE DATE

N/A