



Constellation®

Clinton Power Station
8401 Power Road
Clinton, IL 61727

U-604760

10 CFR 50.36a

April 26, 2023

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Clinton Power Station, Unit 1
Facility Operating License No. NPF-62
NRC Docket No. 50-461

Subject: Clinton Power Station 2022 Annual Radioactive Effluent Release Report

Clinton Power Station is submitting the 2022 Annual Radioactive Effluent Release Report. This report is submitted in accordance with Technical Specification (TS) requirement 5.6.3, "Radioactive Effluent Release Report," and covers the period from January 1, 2022, through December 31, 2022.

In addition, pursuant to TS requirement 5.5.1, the current Offsite Dose Calculation Manual (CY-CL-170-301, Revision 26), which was revised in 2022, is provided as an attachment.

There are no regulatory commitments contained in this report.

Questions on this letter may be directed to Ms. Melissa Dean, Chemistry Manager, at 217-937-3200.

Respectfully,

Norha Plumey
Plant Manager
Clinton Power Station

Attachments: (1) Radioactive Effluent Release Report
(2) Offsite Dose Calculation Manual (CY-CL-170-301, Revision 26)

cc: Regional Administrator – NRC Region III
NRC Senior Resident Inspector – Clinton Power Station
Office of Nuclear Facility Safety – Illinois Emergency Management Agency

TE48
A009
NRR

U-604760

SUBJECT: Clinton Power Station 2022 Annual Radioactive Effluent Release Report

bcc (with attachment):
N. Plumey
B. Franzen
G. Sanders
R. Johnston
M. Dean
D. Livingston

LICENSING AND REGULATORY AFFAIRS
CORRESPONDENCE CONCURRENCE FORM

Station(s): Clinton Power Station Correspondence No.: U-604760
Subject/Document: Clinton Power Station 2022 Annual Radioactive Effluent Release Report
Document Prepared by: G. Sanders Location: CPS Extension: 2803

Required Review and Disciplines Assigned by: G. Sanders / Prin. RA Engineer
Title

Type of Review Required: ☐ Technical Verification Team Review
(Reference LS-AA-117) ☒ Individual or Series Review
☐ No Technical Review

Note: If the subject document falls within the scope of AD-AA-102, "Station Qualified Review," one of the reviewers must be a Station Qualified Reviewer.

Disciplines Required:

<input type="checkbox"/> Maintenance	<input type="checkbox"/> Radiation Protection	<input checked="" type="checkbox"/> Chemistry	<input type="checkbox"/> Training
<input type="checkbox"/> Operations	<input type="checkbox"/> Engineering	<input type="checkbox"/> Radwaste	<input checked="" type="checkbox"/> Reg Assurance / Licensing
<input type="checkbox"/> Rx Engineering	<input type="checkbox"/> Design Engineering	<input type="checkbox"/> Engr - Mech Systems	<input type="checkbox"/> Programs Engineering
<input type="checkbox"/> Nuclear Fuels	<input type="checkbox"/> Work Management	<input type="checkbox"/> Engr - Elect Systems	<input type="checkbox"/> Other: _____

Review Concurrence: Signature indicates that the individual has reviewed the subject document and concurs that the content is factual and accurate. Concurrence via e-mail shall be provided using the declaration provided in LS-AA-117.

Print Name / Signature	Discipline	Date
R. Johnston / concurrence via email	Chemistry	4/20/23
M. Dean / concurrence via email	Chemistry Manager	4/21/23

Does this letter contain commitments? ☐ Yes ☒ No

If yes, corporate or site commitment coordinator has been notified: _____ Date: _____

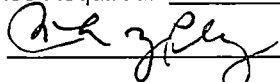
Required Reviews and Signatures (check as appropriate):

☐ Station Qualified Review Required: N/A Date: _____

☐ PORC Approval Required: PORC Meeting No. N/A

☐ Corporate Licensing Concurrence Required: N/A Date: _____

☒ Site Regulatory Assurance Concurrence Required: email concurrence Date: 4/20/23

☒ Station Manager Approval Required:  Date: 4/26/23

☐ Site Vice President Approval Required: _____ Date: _____

SRRS Record ID: 5A.113 (Destroy at Option (DAO))

From: Livingston, David Brett B:(Constellation Nuclear)
To: Sanders, Garrett R:(Constellation Nuclear)
Subject: Yes--I have reviewed and concur with the subject regulatory correspondence.: Action Required: Annual ARERR and AREOR Submittals
Date: Thursday, April 20, 2023 1:28:44 PM

From: Johnston, Rachel:(Constellation Nuclear)
To: Sanders, Garrett R:(Constellation Nuclear)
Subject: Yes--I have reviewed and concur with the subject regulatory correspondence.: Action Required: Annual ARERR
and AREOR Submittals
Date: Thursday, April 20, 2023 2:06:52 PM

From: Dean, Melissa:(Constellation Nuclear)
To: Sanders, Garrett R:(Constellation Nuclear)
Subject: Yes--I have reviewed and concur with the subject regulatory correspondence.: Action Required: Annual ARERR
and AREOR Submittals
Date: Friday, April 21, 2023 7:58:29 AM
