

Dominion Energy Kewaunee, Inc.
N490 Hwy 42, Kewaunee, WI 54216



ATTN: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Serial No. 16-203
LIC/RR/R0
Docket Nos.: 50-305, 72-64
License No.: DPR-43

MAY 23 2016

DOMINION ENERGY KEWAUNEE, INC.
KEWAUNEE POWER STATION
SUMMARY OF FACILITY CHANGES, TESTS AND EXPERIMENTS AND SUMMARY OF
COMMITMENT CHANGES

Pursuant to 10 CFR 50.59(d)(2) and 10 CFR 72.48(d)(2), enclosed is a summary report for the Facility Changes, Tests and Experiments evaluated in accordance with 10 CFR 50.59(c)(2) and 10 CFR 72.48(c)(2) and implemented at the Kewaunee Power Station (KPS) during the last reporting period.

The enclosed summary encompasses all changes evaluated and implemented since our prior submittal dated May 29, 2014 (Reference 1).

A commitment change evaluation summary for those commitment changes that occurred during the last reporting period is also enclosed.

If you have any questions or require additional information, please contact Mr. Richard Repshas, at 920-388-8217.

Sincerely,

S. J. Yuen
Plant Manager, Kewaunee Power Station

Commitments made by this letter: NONE

Reference:

1. Letter from Jeffery T. Stafford (Dominion Energy Kewaunee, Inc.) to Document Control Desk (NRC), "Summary of Facility Changes, Tests and Experiments and Summary of Commitment Changes," dated May 29, 2014.

IEH7
NMSS26
NRR
NMSS

cc: Regional Administrator, Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Mr. Ted H. Carter, Senior Project Manager
U.S. Nuclear Regulatory Commission
Two White Flint North, Mail Stop T-8F5
11555 Rockville Pike
Rockville, MD 20852-2738

ATTACHMENT 1

SUMMARY OF FACILITY CHANGES, TESTS AND EXPERIMENTS
AND SUMMARY OF COMMITMENT CHANGES

KEWAUNEE POWER STATION
DOMINION ENERGY KEWAUNEE, INC.

10 CFR 50.59 and 10 CFR 72.48 Evaluations

There were no 50.59 or 72.48 Evaluations completed and implemented during this period.

Commitment Change Evaluation Summary

Document(s) Evaluated:

EA-02-026, Issuance of Order for Interim Safeguards and Security Compensatory Measures for – Kewaunee Nuclear Power Plant

1. Letter from S.J. Collins (USNRC) to M.B. Sellman (NMC), Issuance of Order for Interim Safeguards and Security Compensatory Measures for – Kewaunee Nuclear Power Plant, dated February 25, 2002 (K-02-021).
2. Letter from E.S. Grecheck (DEK) to Document Control Desk (USNRC), Response Providing Information Regarding Implementation Details for the Phase 2 and 3 Mitigating Strategies, dated February 12, 2007 (Serial No. 07-0004).
3. Letter from M.H. Chernoff (USNRC) to D.A. Christian (DEK), Kewaunee Power Station – Conforming License Amendment to Incorporate the Mitigation Strategies Required by Section B.5.b. of Commission Order EA-02-026, dated August 2, 2007 (Serial No. 07-0548).
4. Letter from D.G. Stoddard (DEK) to Document Control Desk (USNRC), Certification of Permanent Cessation of Power Operations, dated February 25, 2013 (Serial No. 13-107).
5. Letter from D.G. Stoddard (DEK) to Document Control Desk (USNRC), Certification of Permanent Removal of Fuel from the Reactor Vessel, dated May 14, 2013 (Serial No. 13-293).

Brief Description:

The purpose of Order EA-02-026 was to improve the capabilities of commercial nuclear reactor facilities to respond to terrorist threats.

Scope:

Rescind the commitments associated with implementation of Phase 2 and Phase 3 mitigation strategies associated with Section B.5.b. of the Order for the containment, reactor coolant system and reactor core at KPS due to the permanent cessation of operations and permanent removal of fuel from the reactor.

Basis for Change:

The commitments applicable to the mitigating strategies for the containment, reactor coolant system, and reactor core no longer apply because by Letter Serial No. 13-107 dated February 25, 2013, pursuant to 10 CFR 50.822(a)(1)(i), and by Letter Serial No. 13-293 dated May 14, 2013, pursuant to 10 CFR 50.82(a)(1)(ii), Dominion Energy Kewaunee, Inc. (DEK) certified that it had decided to permanently cease power operation of Kewaunee Power Station (KPS) on May 7, 2013 and that as of May 14, 2013 all fuel had been permanently removed from the KPS reactor vessel and placed in the KPS spent fuel pool.

Summary:

The actions implemented and committed to for providing mitigating strategies to comply with section B.5.b. of Order EA-02-026 for the containment, reactor coolant system, and reactor core are no longer required for KPS due to the permanent cessation of operations and permanent removal of fuel from the reactor.

Commitment Change Evaluation Summary

Document(s) Evaluated:

EA-02-026, Issuance of Order for Interim Safeguards and Security Compensatory Measures for – Kewaunee Nuclear Power Plant

1. Letter from S.J. Collins (USNRC) to M.B. Sellman (NMC), Issuance of Order for Interim Safeguards and Security Compensatory Measures for – Kewaunee Nuclear Power Plant, dated February 25, 2002 (K-02-021).
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3. Letter from M.H. Chernoff (USNRC) to D.A. Christian (DEK), Kewaunee Power Station – Conforming License Amendment to Incorporate the Mitigation Strategies Required by Section B.5.b. of Commission Order EA-02-026, dated August 2, 2007 (Serial No. 07-0548).
4. Letter from D.G. Stoddard (DEK) to Document Control Desk (USNRC), Certification of Permanent Cessation of Power Operations, dated February 25, 2013 (Serial No. 13-107).
5. Letter from D.G. Stoddard (DEK) to Document Control Desk (USNRC), Certification of Permanent Removal of Fuel from the Reactor Vessel, dated May 14, 2013 (Serial No. 13-293).
6. Fire Protection Engineering Evaluation (FPEE), FPEE-072, Rev. 2, Incipient Fire Brigade for Decommissioning, dated May 7, 2015.

Brief Description:

The purpose of Order EA-02-026 was to improve the capabilities of commercial nuclear reactor facilities to respond to terrorist threats.

Scope:

Rescind the commitments associated with establishing designated staging areas for firefighting response equipment and materials for an Advanced Interior and Exterior Fire Brigade.

Basis for Change:

By Letter Serial No. 13-107 dated February 25, 2013, pursuant to 10 CFR 50.822(a)(1)(i), and by Letter Serial No. 13-293 dated May 14, 2013, pursuant to 10 CFR 50.82(a)(1)(ii), Dominion Energy Kewaunee, Inc. (DEK) certified that it had decided to permanently cease power operation of Kewaunee Power Station (KPS) on May 7, 2013 and that as of May 14, 2013 all fuel had been permanently removed from the KPS reactor vessel and placed in the KPS spent fuel pool. In the permanently defueled condition, the primary fire protection concern is protecting the integrity of the spent fuel and preventing or minimizing the release of radioactive materials. KPS performed an analysis to show fire protection requirements could be met with an Incipient Fire Brigade and offsite response.

As discussed in Fire Protection Engineering Evaluation (FPEE), FPEE-072, Incipient Fire Brigade for Decommissioning, the Kewaunee Fire Department (KFD) was selected as Kewaunee Power Station's (KPS) designated offsite responders while KPS maintains an Incipient Fire Brigade. The KPS staff has provided the KFD staff with the information needed to fight fires at KPS. This includes site visits, training drills, use of Pre Fire Plans (PFP's), and familiarization with KPS firefighting equipment.



Additionally, the FPEE supports the credited Mitigating Strategies discussed in meeting License Condition 2.C.(10), which asserts that a pre-defined, coordinated fire response continues to be met in the event a large scale fire were to take place at KPS.

Summary:

With the implementation of an Incipient Fire Brigade at KPS, designated staging areas for firefighting response equipment and materials are no longer required as they were for an Advanced Interior and Exterior Fire Brigade.

bc:	Licensing File	IN/2SE, Corp. Licensing
	Records Management	KPS
	Records Management	INGW
	Ms. R. Klearman	NAPS, Manager Licensing
	Mr. B. A. Garber	SPS, Manager Licensing
	Mr. T. G. Cleary	MPS, Manager Licensing
	Mr. S. J. Yuen	KPS, Plant Manager
	Mr. T. P. Olson	KPS, Manager Technical Support
	Mr. J. D. Helbing	KPS, Manager Maintenance
	Mr. B. J. McMahon	KPS, Manager Nuclear Operations
	Mr. B. G. Presl	KPS, Manager Nuclear Protection Services
	Mr. W. F. Zipp	KPS, Decommissioning
	Mr. J. Gadzala	KPS, Licensing
	Mr. C. D. Sly	IN/2SE, Licensing
	Mr. T. Brunelli	IN/2NW, Director Nuclear Oversight
	Ms. L. M. Cuoco	Tredegar RS-2, Counsel of Record
	Mr. T. R. Huber	IN/2SE, Director Nuclear Licensing & Ops Support

CONCURRENCES

T. P. Olson		1 5/18/16
	Signature	Date
R. P. Repshas		1 5/18/16
	Signature	Date

VERIFICATION OF ACCURACY

ACTION PLAN




None

CHANGES TO THE USAR, QA TOPICAL REPORT, OR ISFSI FSAR

None

KPS Correspondence Review & Approval Record

Subject: Summary of Facility Changes, Tests, and Experiments and Summary of Commitment Changes		Rev. No. 0
Due to Site PM: 05/18/2016	Due Date: 05/27/2016	
Licensing Contact: RP Repshas	Ext: 8217	

Reviewer	Signature / Date	No Comments	Comments	Comments Resolved
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M Sortwell Engineering		<input checked="" type="checkbox"/>		<input type="checkbox"/>
R Ridder Engineering		<input checked="" type="checkbox"/>		<input type="checkbox"/>
J Gadzala Licensing	 5/10/2016	<input checked="" type="checkbox"/>		<input type="checkbox"/>

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