

STATE OF VERMONT
PUBLIC SERVICE BOARD

Petition of Entergy Nuclear Vermont Yankee,)
LLC, and Entergy Nuclear Operations, Inc., For a) Docket No. 8300
Certificate of Public Good Pursuant to 30 V.S.A.)
§ 248 and 10 V.S.A. § 6522 to Construct a Second)
Independent Spent Fuel Storage Installation)
("ISFSI") at the Vermont Yankee Nuclear Power)
Station)
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PREFILED TESTIMONY OF CHRIS GIANFAGNA

On Behalf of the Vermont Agency of Natural Resources, Department of Environmental
Conservation, Watershed Management Division

Summary of Testimony

Mr. Gianfagna is an Environmental Analyst in the Watershed Management Division. His testimony will address the impacts of the Project with regards to stormwater and outlines the steps required to comply with stormwater regulations and meet Criterion 1 - Water Pollution.

1 **Q1. Please state your name, place of employment, and position.**

2 A1. My name is Chris Gianfagna, I am currently employed by the Vermont Department of
3 Environmental Conservation as an Environmental Analyst with the Stormwater Program.

4
5 **Q2. Please describe your professional background and tenure at the Agency of Natural
6 Resources.**

7 A2. I have held several positions relating directly to water quality, including working on
8 agricultural water quality and sediment loading issues at the Miner Institute in Chazy,
9 NY, working on watershed scale chemical fluxes and predictions of flow in ungagged
10 basins in the NYC water supply watersheds/reservoirs at Syracuse University, and have
11 been employed by the Vermont DEC in my current role since February 2014.

12

13 My resume is attached as **Exhibit ANR-CG-1**.

14

15 **Q3. Please describe your educational background and any relevant certifications that
16 you hold.**

17 A3. I have a Bachelor's Degree in Environmental Science from SUNY Plattsburgh and a
18 Master's Degree in Environmental Engineering, including graduate coursework in
19 stormwater management, from Syracuse University. I am also a Certified Professional in
20 Erosion and Sediment Control- In Training.

21

1 **Q4. While at the Agency, have you engaged in any training or classes related to your**
2 **work in the Stormwater Program?**

3 A4. Yes. I have attended a soils workshop presented by the USDA, a 2-day Green
4 Stormwater Infrastructure conference, the annual 2-day Northeast Chapter of the
5 International Erosion Control Association meeting and conference, and have been active
6 in preparing for Part II of the Certified Professional in Erosion and Sediment Control
7 exam, which I will take in early September 2015.

8

9 **Q5. Have you previously provided testimony to the Public Service Board, the**
10 **Environmental Court, or the District Commissions?**

11 A5. No.

12

13 **Q6. What is the purpose of your testimony?**

14 A6. The purpose of my testimony is to answer questions related to the need of the Project to
15 obtain construction and operational stormwater permits.

16

17 **Q7. Is a construction stormwater permit required for this Project?**

18 A7. Yes. The project as proposed will result in more than 1 acre of earth disturbance, and
19 therefore coverage under the Construction General Permit is required.

20

21 **Q8. What is the status of the construction permit for this Project?**

1 A8. Authorization under the Construction General Permit for this project was granted by
2 Discharge Authorization # 4213-9020 on 6/12/2015 and remains valid until 6/12/2017.

3

4 **Q9. Is an operational stormwater permit required for this Project?**

5 A9. Yes. The project as proposed involves an expansion to existing impervious surfaces such
6 that the total resulting impervious is over the jurisdictional threshold, and therefore
7 requires an operational stormwater permit.

8

9 **Q10. What is the status of the operational stormwater permit for this Project?**

10 A10. The Operational Stormwater Permit, Discharge Authorization # 4213-INDS, was issued
11 on 10/20/2014, and revised and re-issued on 7/2/2015 to address pre-construction
12 changes allowed under Ch. 18-308(j). Due to an oversight, the revised permit was issued
13 without a signature, but this will be rectified in the near future.

14

15 **Q11. Do you have any recommendations to the Board for conditions to be included in any**
16 **CPG issued for this Project?**

17 A11. No.

18

19 **Q12. Does this conclude your testimony?**

20 A12. Yes.