

Southern Nuclear Operating Company
Vogtle Electric Generating Plant, Units 3 & 4
COL Application

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Part 5 — Emergency Plan

Part 5 of the referenced ESP application is incorporated by reference with the following supplements. As described in **COLA Part 2 Section 13.3**, and in accordance with 10 CFR 52.79(b)(4) and 10 CFR 50.54(q) the following supplements constitute new or additional information.

Revise the last sentence of the fourth paragraph of page x of the Preface to read:

“It is based on meeting the intent of the guidance contained in NUREG 0654, Revision 1 with the exception of emergency action levels which are based on Nuclear Energy Institute (NEI) 99-01, Revision 4, *Methodology for Development of Emergency Action Levels (EAL)*, for Units 1 and 2. EALs for Units 3 and 4 will be based on the NRC endorsed version of NEI 07-01, Revision 0, *Methodology for Development of Emergency Action Levels Advanced Passive Light Water Reactors*.”

Replace Preface page xiii, Figure ii, Vogtle Electric Generating Plant Site Plan, with the attached Preface Figure ii.

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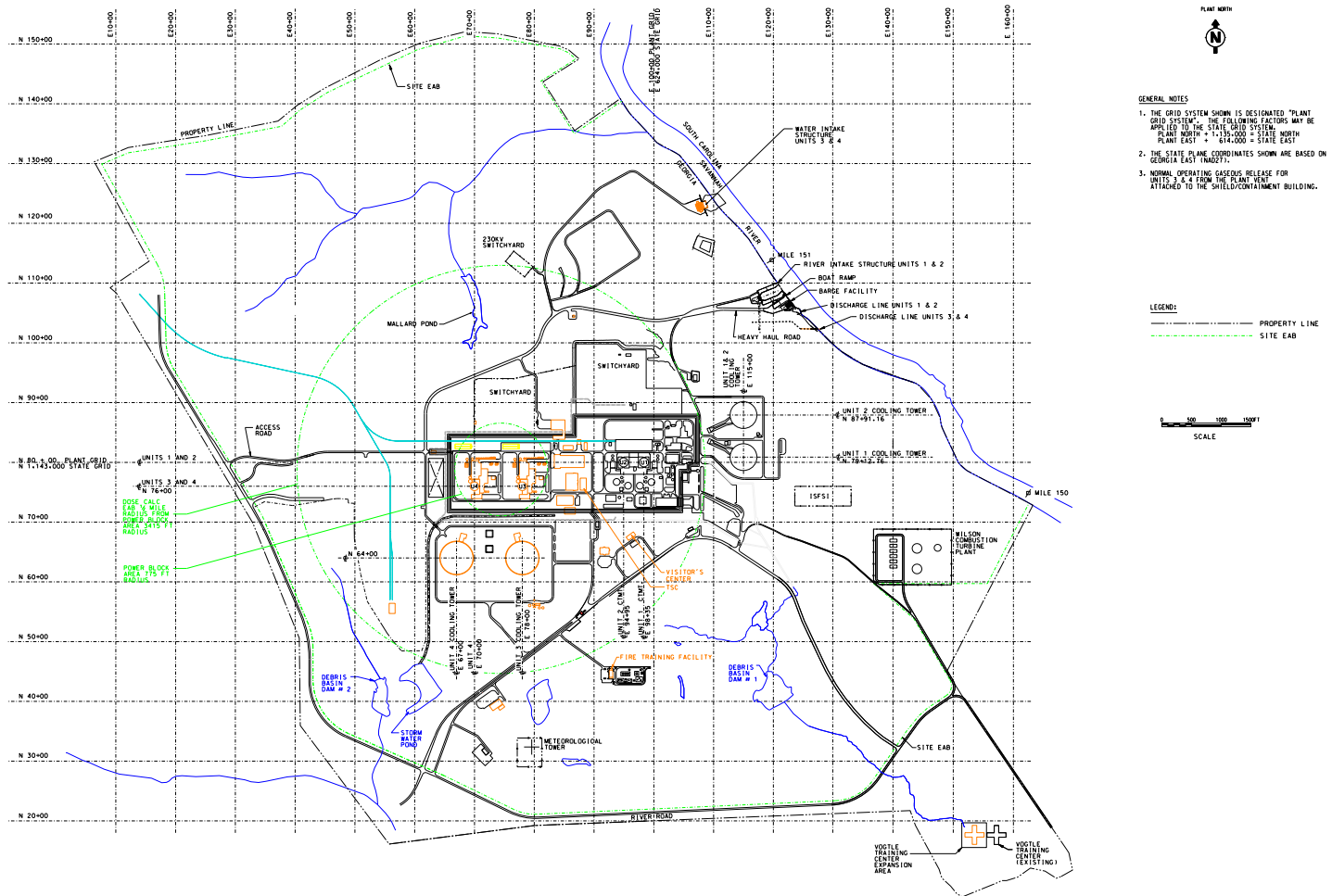


Figure ii Vogle Electric Generating Plant Site Plan

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Part 5 — Emergency Plan

Revise the first sentence of the third paragraph of Subsection D.1 of the Base Plan to read:

“The SNC classification scheme for Units 1 and 2 is based on Nuclear Energy Institute (NEI) 99-01, Revision 4, *Methodology for Development of Emergency Action Levels (EAL)*, January 2003, endorsed by Regulatory Guide 1.101, Revision 4, Emergency Planning and Preparedness for Nuclear Power Reactors. The classification scheme for Units 3 and 4 will be based on the NRC endorsed version of NEI 07-01, Revision 0, *Methodology for Development of Emergency Action Levels Advanced Passive Light Water Reactors.*”

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Part 5 — Emergency Plan

Add the following sentence to the end of the second paragraph of Subsection H.1.1, Technical Support Center (TSC) of the Base Plan:

“Motorized vehicles are provided to facilitate the movement of personnel between the TSC and the Site’s Control Rooms.”

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Part 5 — Emergency Plan

Revise the second sentence of the second paragraph of Preface page V2-vii of Annex V2 to read:

“It is based on the guidance contained in NUREG 0654, Revision 1, *Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants*, with the exception of emergency action levels which will be based on the NRC endorsed version of Nuclear Energy Institute (NEI) Guideline NEI 07-01, Revision 0, *Methodology for Development of Emergency Action Levels Advanced Passive Light Water Reactors for Units 3 and 4.*”

Revise Subsection V2D.2 of Annex V2 to read:

“The Initiating Condition Matrix for Modes 1, 2, 3, and 4 for Units 3 and 4 will be shown in Table Annex V2 D-1, and the Initiating Condition Matrix for Modes 5, 6, and de-fueled will be shown in Table Annex V2 D-2.”

Add a Subsection V2D.3, Emergency Action Level Technical Basis to page V2D-1 of Annex V2 which reads:

[Reserved for EAL Technical Basis]

Delete the content of Tables V2D.2-1, Hot Initiating Condition Matrix, Modes 1, 2, 3, and 4 and V2D.2-1, Cold Initiating Conditions Matrix, Modes 5, 6, and De-fueled, found on pages V2D-2 and 3, respectively, and replace with:

[Reserved for Initiating Condition Matrix]

Revise the second sentence of the first paragraph of Subsection V2H.1, Emergency Facilities, of Annex 2 of the ESP Emergency Plan to read:

“The OSCs are located in each unit’s Control Support Area (CSA) which is adjacent to the passage from the annex building to the nuclear island control room.”
