Attachment E – CEC 18234

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Categorical Exclusion Checklist for Proposed TVA Actions

Categorical Exclusion Number Claimed	Organization ID Number RLR184245	**Tracking Number** *(NEPA Administration Use Only)* 18234
Form Preparer Daniel C. Fisher	Project Initiator/Manager Daniel C. Fisher	Business Unit RSOE - Resource Stewardship
Project Title Fee sale of Substation Site and Transmission Line Easement - Chatuge Reservoir - RLR184245 Joe Satte		Hydrologic Unit Code
Description of Proposed Action *(Include Anticipated Dates of Implementation)* For Proposed Action See Attachments and References	☒ Continued on Page 3 *(if more than one line)*	
Initiating TVA Facility or Office Chickamauga-Hiwassee Watershed Team	TVA Business Units Involved in Project	
Location *(City, County, State)* For Project Location see Attachments and References		

Parts 1 through 4 verify that there are no extraordinary circumstances associated with this action:

Part 1. Project Characteristics

Is there evidence that the proposed action---	No	Yes	Information Source
1. Is major in scope?	X		Fisher D. C. 06/13/2008
2. Is part of a larger project proposal involving other TVA actions or other federal agencies?	X		Fisher D. C. 06/13/2008
*3. Involves non-routine mitigation to avoid adverse impacts?	X		Fisher D. C. 06/30/2008
4. Is opposed by another federal, state, or local government agency?		X	Fisher D. C. 06/13/2008
*5. Has environmental effects which are controversial?		X	Fisher D. C. 06/13/2008
*6. Is one of many actions that will affect the same resources?	X		Fisher D. C. 06/05/2008
7. Involves more than minor amount of land?	X		Fisher D. C. 06/05/2008

* If "yes" is marked for any of the above boxes, consult with NEPA Administration on the suitability of this project for a categorical exclusion.

Part 2. Natural and Cultural Features Affected

Would the proposed action---	No	Yes	Per-mit	Commit-ment	Information Source for Insignificience
1. Potentially affect endangered, threatened, or special status species?	X		No	No	For comments see attachments
2. Potentially affect historic structures, historic sites, Native American religious or cultural properties, or archaeological sites?	X		No	No	For comments see attachments
3. Potentially take prime or unique farmland out of production?	X		No	No	Fisher D. C. 06/05/2008
4. Potentially affect Wild and Scenic Rivers or their tributaries?	X		No	No	Fisher D. C. 06/13/2008
5. Potentially affect a stream on the Nationwide Rivers Inventory?	X		No	No	Fisher D. C. 06/13/2008
6. Potentially affect wetlands, water flow, or stream channels?	X		No	No	High II M. B. 04/23/2008
7. Potentially affect the 100-year floodplain?		X	No	No	For comments see attachments
8. Potentially affect ecologically critical areas, federal, state, or local park lands, national or state forests, wilderness areas, scenic areas, wildlife management areas, recreational areas, greenways, or trails?	X		No	No	High II M. B. 04/23/2008
9. Contribute to the spread of exotic or invasive species?	X		No	No	High II M. B. 04/23/2008
10. Potentially affect migratory bird populations?	X		No	No	High II M. B. 04/23/2008
11. Involve water withdrawal of a magnitude that may affect aquatic life or involve interbasin transfer of water?	X		No	No	Higgins J. M. 04/24/2008
12. Potentially affect surface water?		X	Yes	No	For comments see attachments
13. Potentially affect drinking water supply?	X		No	No	Higgins J. M. 04/24/2008
14. Potentially affect groundwater?		X	No	No	For comments see attachments
15. Potentially affect unique or important terrestrial habitat?	X		No	No	High II M. B. 04/23/2008
16. Potentially affect unique or important aquatic habitat?	X		No	No	Fisher D. C. 06/05/2008

Part 3. Potential Pollutant Generation

Would the proposed action potentially (including accidental or unplanned)---	No	Yes	Per-mit	Commit-ment	Information Source for Insignificience
1. Release air pollutants?	X		No	No	Fisher D. C. 06/05/2008
2. Generate water pollutants?	X		No	No	Higgins J. M. 04/24/2008
3. Generate wastewater streams?	X		No	No	Higgins J. M. 04/24/2008
4. Cause soil erosion?		X	No	No	For comments see attachments
5. Discharge dredged or fill materials?	X		No	No	For comments see attachments
6. Generate large amounts of solid waste or waste not ordinarily generated?	X		No	No	Fisher D. C. 06/05/2008
7. Generate or release hazardous waste (RCRA)?	X		No	No	For comments see attachments
8. Generate or release universal or special waste, or used oil?	X		No	No	Fisher D. C. 06/13/2008
9. Generate or release toxic substances (CERCLA, TSCA)?	X		No	No	Bernauer B. P. 06/17/2008
10. Involve materials such as PCBs, solvents, asbestos, sandblasting material, mercury, lead, or paints?	X		No	No	For comments see attachments
11. Involve disturbance of pre-existing contamination?	X		No	No	Fisher D. C. 06/05/2008
12. Generate noise levels with off-site impacts?	X		No	No	Fisher D. C. 06/05/2008
13. Generate odor with off-site impacts?	X		No	No	Fisher D. C. 06/05/2008
14. Produce light which causes disturbance?	X		No	Yes	For comments see attachments
15. Release of radioactive materials?	X		No	No	Fisher D. C. 06/05/2008
16. Involve underground or above-ground storage tanks or bulk storage?	X		No	No	Fisher D. C. 07/01/2008
17. Involve materials that require special handling?	X		No	No	Bernauer B. P. 06/17/2008

Part 4. Social and Economic Effects

Would the proposed action---	No	Yes	Commit-ment	Information Source for Insignificience
1. Potentially cause public health effects?		X	No	For comments see attachments
2. Increase the potential for accidents affecting the public?	X		No	For comments see attachments
3. Cause the displacement or relocation of businesses, residences, cemeteries, or farms?	X		No	Fisher D. C. 06/05/2008
4. Contrast with existing land use, or potentially affect resources described as unique or significant in a federal, state, or local plan?	X		No	For comments see attachments
5. Disproportionately affect minority or low-income populations?	X		No	Fisher D. C. 06/05/2008
6. Involve genetically engineered organisms or materials?	X		No	Fisher D. C. 06/05/2008
7. Produce visual contrast or visual discord?		X	No	For comments see attachments
8. Potentially interfere with recreational or educational uses?	X		No	For comments see attachments
9. Potentially interfere with river or other navigation?	X		No	Fisher D. C. 06/05/2008
10. Potentially generate highway or railroad traffic problems?	X		No	For comments see attachments

Part 5. Other Environmental Compliance/Reporting Issues

Would the proposed action---	No	Yes	Commit-ment	Information Source for Insignificience
1. Release or otherwise use substances on the Toxic Release Inventory list?	X		No	Fisher D. C. 06/30/2008
2. Involve a structure taller than 200 feet above ground level?	X		No	Fisher D. C. 06/13/2008
3. Involve site-specific chemical traffic control?		X	No	Fisher D. C. 06/30/2008
4. Require a site-specific emergency notification process?	X		No	Fisher D. C. 06/30/2008
5. Cause a modification to equipment with an environmental permit?	X		No	Fisher D. C. 06/13/2008
6. Potentially impact operation of the river system or require special water elevations or flow conditions??	X		No	Fisher D. C. 06/05/2008

Description of Proposed Action *(Include Anticipated Dates of Implementation)*	☐ Continued from Page 1

Parts 1 through 4: If "yes" is checked, describe in the discussion section following this form why the effect is insignificant. Attach any conditions or commitments which will ensure insignificant impacts. Use of non-routine commitments to avoid significance is an indication that consultation with NEPA Administration is needed.

An ☒ EA or ☐ EIS will be prepared.

Based upon my review of environmental impacts, the discussions attached, and/or consultations with NEPA Administration, I have determined that the above action does not have a significant impact on the quality of the human environment and that no extraordinary circumstances exist. Therefore, this proposal qualifies for a categorical exclusion under Section 5.2._____ of TVA NEPA Procedures.

Project Initiator/Manager Daniel C. Fisher		Date 06/30/2008
TVA Organization RSO&E	E-mail dcfisher@tva.gov	Telephone

Site Environmental Compliance Reviewer

_____
Signature

Final Review/Closure

Daniel C. Fisher 07/08/2008
Signature

Other Review Signatures *(as required by your organization)*

_____
Signature

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Signature

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Signature

_____
Signature

_____
Signature

_____
Signature

Attachments/References

Project Title

Fee sale of Substation Site and Transmission Line Easement - Chatuge Reservoir - RLR184245 Joe Satterfield - Blue Ridge Mountain Electric Membership Cooperative

Description of Proposed Action

Applicant(s): Joe Satterfield Blue Ridge Mountain Electric Membership Cooperativ Post Office Box 9 1360 Main Street Young Harris GA 30582

Project Location

County, State: TOWNS, GA Land Tract(s): X CHR 79 SS X CHR 80 E Map Sheet(s): 11 C/D Stage Streams(s): Hiwassee R RM 129.9 R

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CEC General Comment Listing

1. TVA has decided to prepare an Environmental Assessment (EA) to further assess issues not fully discussed in this CEC. Please see EA.
   By: Daniel C. Fisher 06/30/2008

CEC Comment Listing

Part 2 Comments

1. A review of TVA's Natural Heritage Database, along with FIC, photos, personal knowledge and/or site visitation of the project location by the reviewer, and adherence to TVA's procedures for reviewing potential impacts to not only Federal listed species, but also State listed species, resulted in the finding that with the required use of BMP's for construction projects, there will be no expected impacts to one listed species known to occur in the area (eastern hellbender).
   By: Martin B High II 04/23/2008
2. The Georgia state historic preservation officer concurs with TVA's determination that the proposed action will have no effect on historic properties on or eligible for the National Register of Historic Places.
   By: Edward W Wells, III 06/10/2008
7. The proposed land sale and easement are needed for a substation and transmission line. A very small portion of the property is located within the limits of the 100-year floodplain. The construction of the substation would only involve the placement of about 21 cubic yards of fill within the 100-year floodplain. The applicant evaluated alternative sites and provided documentation to support a determination of "no practicable alternative" to the proposed floodplain development. Therefore, the project would be consistent with Executive Order 11988. About 0.2 acre-foot of fill would be placed within the flood control storage zone in order to elevate all portions of the substation above the 500-year flood elevation 1931.0. The applicant has provided information documenting the need for the fill. We believe the amount of displaced flood control storage has been minimized while achieving the project objective. Therefore, the project would comply with the TVA Flood Control Storage Loss Guideline. From the standpoint of Flood Control, we have no objection to the proposed land sale and easement provided the following conditions are included in the final CEC and any transfer document(s): 1. Any future facilities or equipment subject to flood damage will be located above or floodproofed to the 500-year flood elevation 1931.0. 2. Any future development proposed within the limits of the 100-year floodplain, elevation 1929.0 will be consistent with the requirements of Executive Order 11988. 3. All future development will be consistent with the requirements of the TVA Flood Control Storage Loss Guideline. 4. You are advised that TVA retains the right to flood this area and that TVA will not be liable for damages resulting from flooding.
   By: Roger A. Milstead 05/15/2008
12. Proper implementation of the following control measures is expected to result in only minor and temporary surface water impacts: 1) compliance with applicable environmental laws and regulations, and 2) application of TVA General Conditions 1, 2, 9, and 10 and TVA Standard Conditions 3c, 6a, 6d-i to follow Best Management Practices, contain all wastes, properly operate and maintain the facility, and prevent pollution runoff and discharge.
   By: John M. Higgins 04/24/2008
14. Threat to groundwater would be insignificant with no comittments, providing a condition is placed in the agreement that ensures compliance with 40 CFR 112 and secondary containment is installed. 40 CFR 112 code requires SPCC documentation and action for oil capacity above either a single tank (>660 gal.) or agregate site oil amount (>1320 gal.). Secondary containment, and inspection of these devices, should be installed to potential leaks to groundwater.
   By: Matthew D Williams 04/30/2008

Part 3 Comments

4. Standard conditions will require best management practices which will minimize impacts of erosion
   By: Daniel C. Fisher 06/13/2008
5. No fill material will be placed into the reservoir. BMPs will ensure erosion is minimal.
   By: Daniel C. Fisher 06/05/2008

CEC Comment Listing

7. Based on the information provided, minimal risk exists for the generation of RCRA Hazardous Waste for this project. It would be prudent to request a copy of the SPCC Plan prepared in accordance with 40 CFR 112 and approved by a Professional Engineer.
   By: B. Paul Bernauer 05/29/2008
10. See environmental assessment for discussion
   By: Daniel C. Fisher 06/30/2008
14. Providing fixtures as indicated in the commitments would result in lighting that would have insignificant adverse impacts.
   By: W. Chett Peebles 06/14/2008

Part 4 Comments

1. see comments
   By: Michael E McCombs 06/03/2008
2. Substation site will be fenced, locked and patrolled by Blue Ridge Mountain Electric Membership Cooperative.
   By: Daniel C. Fisher 06/27/2008
4. A substation would be generally compatible with the existing land uses along the U.S. Highway 76 corridor in the area. This issue is discussed in the Environmental Assessment
   By: Daniel C. Fisher 07/01/2008
7. Plant a vegetative screen of mixed tree and evergreen shrub species, 25 ft. minimum width, around all sides. Shrubs should have a mature ht. of 10'-12', and be 4.5' - 5' tall when planted, with a maximum spacing of five feet. Shrubs should not be planted within 20' of proposed gates.
   By: W. Chett Peebles 06/14/2008
8. Parcel 52 will be managed for multiple-use. Construction of the proposed substation would not proclude future public recreation use of the property.
   By: Sabrina L. Melton 06/30/2008
10. State transportation officials have been made aware of the proposal and have no objections.
   By: Daniel C. Fisher 06/13/2008

CEC Permit Listing

Part 2 Permits

12. State stormwater runoff construction permit if disturbing more than one acre.
   By: John M. Higgins 04/24/2008

CEC Commitment Listing

Part 3 Commitments

14. All lights used should be fully shielded or should have internal low-glare optics, such that no light is emitted from the fixture at angles above the horizontal.
   By: W. Chett Peebles 07/02/2008

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