



North Carolina  
Department of Administration

Pat McCrory, Governor

Bill Daughtride, Jr., Secretary

November 13, 2015

Ms. Gail Mount  
North Carolina Department of Commerce  
Utilities Commission  
4325 Mail Service Center  
Raleigh, North Carolina 27699-4325

**Re: SCH File # 16-E-4600-0107; Application of Albemarle Beach Solar LLC for a Certificate to construct a 80-MW Solar Facility in Washington Co. Docket #SP-6476 Sub 0.**

Dear Ms. Mount:

The above referenced environmental impact information has been reviewed through the State Clearinghouse under the provisions of the North Carolina Environmental Policy Act.

Attached to this letter are comments made in the review of this document. Because of the nature of the comments, it has been determined that no further State Clearinghouse review action on your part is needed for compliance with the North Carolina Environmental Policy Act. The attached comments should be taken into consideration in project development.

Sincerely,

*Crystal Best*  
Crystal Best

State Environmental Review Clearinghouse

Attachments

cc: Region R

**Mailing Address:**  
1301 Mail Service Center  
Raleigh, NC 27699-1301

**Telephone:** (919)807-2425  
Fax (919)733-9571  
State Courier #51-01-00  
*e-mail state.clearinghouse@doa.nc.gov*

**Location Address:**  
116 West Jones Street  
Raleigh, North Carolina



Environmental Quality

PAT MCCRORY  
Governor


DONALD R. VAN DER VAART  
Secretary

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Nov 16 2015

MEMORANDUM

To: Crystal Best  
State Clearinghouse Coordinator  
Department of Administration

From: Lyn Hardison   
Division of Environmental Assistance and Customer Service  
Environmental Assistance and Project Review Coordinator

RE: 16-0107  
Environmental Review –Application of Albemarle Beach Solar, LLC for the  
Certificate to construct an 80-MW Solar Photovoltaic Electric Generating Facility  
Washington County

Date: November 12, 2015

The Department of Environmental Quality and other programs has completed its review of the proposal for the referenced project. Based on the information provided, several of our agencies have identified permits that may be required. The agencies have offered some valuable guidance to be performed prior to application submittals and ground disturbance which will help reduce any impacts to the natural resources within the project area. The comments are attached for the applicant’s review.

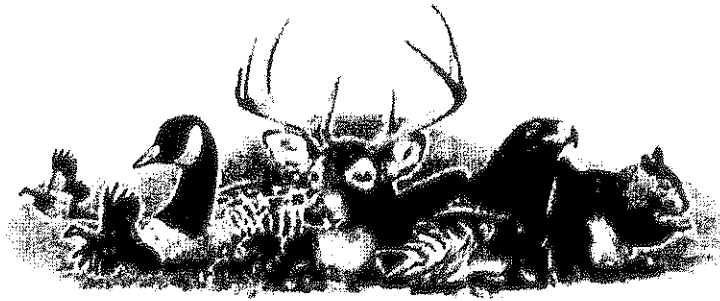
It is suggested to the applicant to contact NC Wildlife Resources Commission if the site attracts large numbers of migratory bird or observes fatalities or injured bird.

If the applicant has any questions pertaining to NCDENR permitting processes, please ask them to contact Lyn Hardison, Permit Assistance Coordinator, in the Department’s Washington Regional Office, (252)948-3842. The proposed project is located within his geographic working territory.

Thank you for the opportunity to respond.

Attachment





## ◇ North Carolina Wildlife Resources Commission ◇

Gordon Myers, Executive Director

### MEMORANDUM

**TO:** Lyn Hardison, Environmental Assistance Coordinator  
NCDEQ Division of Environmental Assistance and Outreach (DEAO)

**FROM:** Maria T. Dunn, Coastal Coordinator  
Division of Habitat Conservation *Maria T. Dunn*

**DATE:** November 9, 2015

**SUBJECT:** Albemarle Beach Solar LLC 80 MW Facility, Washington County, North Carolina.  
OLIA No. 16-0107

Biologists with the North Carolina Wildlife Resources Commission (NCWRC) have reviewed the subject document and we are familiar with the habitat values of the area. Our comments are provided in accordance with provisions of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661-667e), and North Carolina General Statutes (G.S. 113-131 et seq.).

The applicant proposes to construct an 80 MW photovoltaic solar facility located on both sides of Mackeys Road and Albemarle Beach Road in Roper, NC.

The NCWRC would like to state concern regarding the location and size of this project in relation to foraging habitats for migratory waterfowl. Agricultural lands in eastern North Carolina often provide foraging opportunities for migratory waterfowl, especially in areas near natural waterbodies. Large numbers of waterfowl in this location have been observed in the past. The cumulative loss of land may be of significant concern in time. We request that if it determined this facility can be constructed, any fatalities or injured birds be reported to our agency.

We have also reviewed the available information and would like to state concern with any portion of the proposed project that lies within the wooded areas or that impacts wetland or jurisdictional stream features. Due to minimal site layout detail, it was difficult to discern direct impacts and positioning of structures. In general the NCWRC supports solar facilities located in open areas. However, the conversion of forests and wetlands to support solar development is causing increasing concern due to the loss of wildlife habitat, the fragmentation of wildlife habitat, and vegetative management needed post conversion for wetland and other forested areas. Any impacts to jurisdictional features should be avoided.

---

**Mailing Address:** Division of Inland Fisheries • 1721 Mail Service Center • Raleigh, NC 27699-1721  
**Telephone:** (919) 707-0220 • **Fax:** (919) 707-0028

In addition to the concerns above, the following statements should be observed:

1. Maintain or establish a minimum 100-foot undisturbed, native forested buffer along each side of perennial streams and 50-foot undisturbed, native forested buffer along each side of intermittent streams and wetlands. Forested riparian buffers provide habitat areas for aquatic and terrestrial wildlife species and travel corridors for terrestrial wildlife. In addition, forested riparian buffers protect water quality by stabilizing stream banks and filtering stormwater runoff.
2. Avoid or minimize impacts to wetlands during construction. In addition to providing wildlife habitat, wetland areas perform important functions of flood control and water quality protection. U.S. Army Corps of Engineers Section 404 permits and N.C. Division of Water Resources Section 401 Certifications are needed for any impacts to jurisdictional streams or wetlands. Temporarily disturbed wetland areas should be returned to original soils and contours, and reseeded with annual small grains appropriate for the season (e.g. oats, millet, rye, wheat, or rye grass) and should be allowed to revert to natural wetland vegetation.
3. If additional overhead transmission lines will be installed, then measures to minimize impacts to birds should be implemented. These can include increasing line visibility, insulating wires to cover exposed connections, and increasing the distance between wires so no contact with ground or other energized wire can be made. For more information see <http://www.fws.gov/birds/documents/powerlines.pdf>.
4. We suggest a maintenance schedule that incorporates a portion of the area (e.g., one-third of the area) each year. Pesticides, fertilizers, and other chemicals should not be used in wetland areas or near streams.
5. Where feasible, consider establishing grassland habitats on the site. These are drought tolerant and require minimal mowing maintenance once established. Grasslands provide habitat for migratory and resident birds and small mammals particularly if mowing is done only in late winter/early spring after winter cover needs are reduced and before nesting occurs. These sites could also be incorporated into a buffer area on the outside of the fences to mitigate for loss of forage habitat and to insure vegetative cover to minimize erosion.
6. If pesticides or chemicals will be used for site maintenance, then stormwater runoff from the site should be directed to bio-retention areas prior to discharge to streams or wetlands to provide additional protection for water quality and aquatic and terrestrial wildlife habitats.
7. Sediment and erosion control measures should be installed prior to any land clearing or construction. These measures should be routinely inspected and properly maintained. Excessive silt and sediment loads can have numerous detrimental effects on aquatic resources including destruction of spawning habitat, suffocation of eggs, and clogging of gills of aquatic species.
8. Measures to mitigate secondary and cumulative impacts can be found in NCWRC's *Guidance Memorandum to Address and Mitigate Secondary and Cumulative Impacts to Aquatic and Terrestrial Wildlife Resources and Water Quality* (August 2002; [http://www.ncwildlife.org/Portals/0/Conserving/documents/2002\\_GuidanceMemorandumforSecondaryandCumulativeImpacts.pdf](http://www.ncwildlife.org/Portals/0/Conserving/documents/2002_GuidanceMemorandumforSecondaryandCumulativeImpacts.pdf)).
9. Develop a decommissioning plan that identifies the party responsible for decommissioning the facility and the conditions under which decommissioning will occur. In addition, the plan should

include that all equipment is removed from the site and the land restored to pre-construction conditions.

Thank you for the opportunity to comment on this project. If our agency can be of further assistance, please contact me at (252) 948-3916 or at [maria.dunn@newwildlife.org](mailto:maria.dunn@newwildlife.org).

State of North Carolina  
 Department of Environment and Natural Resources  
 INTERGOVERNMENTAL REVIEW - PROJECT COMMENTS

Reviewing Office: Washington

Project Number 16-0107 Due Date: 11/9/2015  
 County Washington

After review of this project it has been determined that the ENR permit(s) and/or approvals indicated may need to be obtained in order for this project to comply with North Carolina Law. Questions regarding these permits should be addressed to the Regional Office indicated on the reverse of the form. All applications, information and guidelines relative to these plans and permits are available from the same Regional Office.

	PERMITS	SPECIAL APPLICATION PROCEDURES or REQUIREMENTS	Normal Process Time (statutory time limit)
<input type="checkbox"/>	Permit to construct & operate wastewater treatment facilities, sewer system extensions & sewer systems not discharging into state surface waters.	Application 90 days before begin construction or award of construction contracts. On-site inspection. Post-application technical conference usual.	30 days (90 days)
<input type="checkbox"/>	NPDES - permit to discharge into surface water and/or permit to operate and construct wastewater facilities discharging into state surface waters.	Application 180 days before begin activity. On-site inspection. Pre-application conference usual. Additionally, obtain permit to construct wastewater treatment facility-granted after NPDES. Reply time, 30 days after receipt of plans or issue of NPDES permit-whichever is later.	90-120 days (N/A)
<input type="checkbox"/>	Water Use Permit	Pre-application technical conference usually necessary	30 days (N/A)
<input type="checkbox"/>	Well Construction Permit	Complete application must be received and permit issued prior to the installation of a well.	7 days (15 days)
<input type="checkbox"/>	Dredge and Fill Permit	Application copy must be served on each adjacent riparian property owner. On-site inspection. Pre-application conference usual. Filling may require Easement to Fill from N.C. Department of Administration and Federal Dredge and Fill Permit.	55 days (90 days)
<input type="checkbox"/>	Permit to construct & operate Air Pollution Abatement facilities and/or Emission Sources as per 15 A NCAC (2Q.0100 thru 2Q.0300)	Application must be submitted and permit received prior to construction and operation of the source. If a permit is required in an area without local zoning, then there are additional requirements and timelines (2Q.0113).	90 days
<input type="checkbox"/>	Permit to construct & operate Transportation Facility as per 15A NCAC (2D.0800, 2Q.0601)	Application must be submitted at least 90 days prior to construction or modification of the source.	90 days
<input checked="" type="checkbox"/>	Any open burning associated with subject proposal must be in compliance with 15 A NCAC 2D.1900	N/A	60 days (90 days)
<input checked="" type="checkbox"/>	Demolition or renovations of structures containing asbestos material must be in compliance with 15 A NCAC 20.1110 (a) (1) which requires notification and removal prior to demolition. Contact Asbestos Control Group 919-707-5950.		
<input type="checkbox"/>	Complex Source Permit required under 15 A NCAC 2D.0800		
<input checked="" type="checkbox"/>	The Sedimentation Pollution Control Act of 1973 must be properly addressed for any land disturbing activity. An erosion & sedimentation control plan will be required if one or more acres to be disturbed. Plan filed with proper Regional Office (Land Quality Section) At least 30 days before beginning activity. A fee of \$65 for the first acre or any part of an acre. An express review option is available with additional fees.		20 days (30 days)
<input type="checkbox"/>	Sedimentation and erosion control must be addressed in accordance with NCDOT's approved program. Particular attention should be given to design and installation of appropriate perimeter sediment trapping devices as well as stable stormwater conveyances and outlets.		(30 days)
<input type="checkbox"/>	Mining Permit	On-site inspection usual. Surety bond filed with ENR Bond amount varies with type mine and number of acres of affected land. Any acre mined greater than one acre must be permitted. The appropriate bond must be received before the permit can be issued.	30 days (60 days)
<input type="checkbox"/>	North Carolina Burning permit	On-site inspection by N.C. Division Forest Resources if permit exceeds 4 days	1 day (N/A)
<input type="checkbox"/>	Special Ground Clearance Burning Permit - 22 counties in coastal N.C. with organic soils	On-site inspection by N.C. Division Forest Resources required "if more than five acres of ground clearing activities are involved. Inspections should be requested at least ten days before actual burn is planned."	1 day (N/A)
<input type="checkbox"/>	Oil Refining Facilities	N/A	90-120 days (N/A)
<input type="checkbox"/>	Dam Safety Permit	If permit required, application 60 days before begin construction. Applicant must hire N.C. qualified engineer to: prepare plans, inspect construction, certify construction is according to ENR approved plans. May also require permit under mosquito control program. And a 404 permit from Corps of Engineers. An inspection of site is necessary to verify Hazard Classification. A minimum fee of \$200.00 must accompany the application. An additional processing fee based on a percentage or the total project cost will be required upon completion.	30 days (60 days)

County <u>Washington</u>		Project Number: <u>16-0107</u>	Due Date: <u>11/9/2015</u>	Normal Process Time (statutory time limit)
PERMITS		SPECIAL APPLICATION PROCEDURES or REQUIREMENTS		
<input type="checkbox"/>	Permit to drill exploratory oil or gas well	File surety bond of \$5,000 with ENR running to State of NC conditional that any well opened by drill operator shall, upon abandonment, be plugged according to ENR rules and regulations.		10 days N/A
<input type="checkbox"/>	Geophysical Exploration Permit	Application filed with ENR at least 10 days prior to issue of permit. Application by letter. No standard application form.		10 days N/A
<input type="checkbox"/>	State Lakes Construction Permit	Application fee based on structure size is charged. Must include descriptions & drawings of structure & proof of ownership of riparian property.		15-20 days N/A
<input type="checkbox"/>	401 Water Quality Certification	N/A		60 days (130 days)
<input type="checkbox"/>	CAMA Permit for MAJOR development	\$250.00 fee must accompany application		55 days (150 days)
<input type="checkbox"/>	CAMA Permit for MINOR development	\$50.00 fee must accompany application		22 days (25 days)
<input type="checkbox"/>	Several geodetic monuments are located in or near the project area. If any monument needs to be moved or destroyed, please notify: N.C. Geodetic Survey, Box 27687 Raleigh, NC 27611			
<input type="checkbox"/>	Abandonment of any wells, if required must be in accordance with Title 15A. Subchapter 2C.0100.			
<input type="checkbox"/>	Notification of the proper regional office is requested if "orphan" underground storage tanks (USTS) are discovered during any excavation operation.			
<input checked="" type="checkbox"/>	Compliance with 15A NCAC 2H 1000 (Coastal Stormwater Rules) is required.			45 days (N/A)
<input type="checkbox"/>	Catawba, Jordan Lake, Randalman, Tar Pamlico or Neuse Riparian Buffer Rules required.			
<input type="checkbox"/>	Plans and specifications for the construction, expansion, or alteration of a public water system must be approved by the Division of Water Resources/Public Water Supply Section prior to the award of a contract or the initiation of construction as per 15A NCAC 18C.0300 et. seq. Plans and specifications should be submitted to 1634 Mail Service Center, Raleigh, North Carolina 27699-1634. All public water supply systems must comply with state and federal drinking water monitoring requirements. For more information, contact the Public Water Supply Section, (919) 707-9100.			30 days
<input type="checkbox"/>	If existing water lines will be relocated during the construction, plans for the water line relocation must be submitted to the Division of Water Resources/Public Water Supply Section at 1634 Mail Service Center, Raleigh, North Carolina 27699-1634. For more information, contact the Public Water Supply Section, (919) 707-9100.			30 days

Other comments (attach additional pages as necessary, being certain to cite comment authority)

Division	Initials	No comment	Comments	Date Review
DAQ	FDB	<input checked="" type="checkbox"/>	No Comments	10/16/15
DWR-WQROS (Aquifer & Surface)	AS	<input type="checkbox"/> <input type="checkbox"/>	Based on a review of the proposed 80 MW Solar Photovoltaic Electric Facility located on both sides of Mackeys Road and Albemarle Beach Road in Roper, Washington County, mapped hydric Soils Series compose the majority of the subject project area according to the Natural Resource Conversation Service (NRCS) Web Soil Survey. In addition, according to the review of the most recent published version of 1:24,000 scale (7.5 minute) quadrangle topographic map prepared by the USGS, blue line feature(s) are mapped on the subject property. Therefore, the following comments were points of consideration when considering the development of this project.  Review of the subject project found no mention of possible existence or impacts to jurisdictional wetlands, streams and/or waters within the footprint of the proposed project. This Office highly recommends coordinating with the United States Army Corps of Engineers (USACOE) concerning identification of any jurisdictional features and the required permitting that may be involved prior to the implementation of this project.	10/23/15 / /
DWR-PWS	NA	<input type="checkbox"/>	NA	/ /
DEMLR (LQ & SW)	RDP	<input type="checkbox"/>	See checked boxes above	11/9/15
DWM - UST	JSB	<input type="checkbox"/>	Please see attached comments	10/19/15

**REGIONAL OFFICES**

Questions regarding these permits should be addressed to the Regional Office marked below.

**Asheville Regional Office**  
2090 US Highway 70  
Swannanoa, NC 28778  
(828) 296-4500

**Fayetteville Regional Office**  
225 North Green Street, Suite 714  
Fayetteville, NC 28301-5043  
(910) 433-3300

**Mooresville Regional Office**  
610 East Center Avenue, Suite 301  
Mooresville, NC 28115  
(704) 663-1699

**Raleigh Regional Office**  
3800 Barrett Drive, Suite 101  
Raleigh, NC 27609  
(919) 791-4200

**Washington Regional Office**  
943 Washington Square Mall  
Washington, NC 27889  
(252) 946-6481

**Wilmington Regional Office**  
127 Cardinal Drive Extension  
Wilmington, NC 28405  
(910) 796-7215

**Winston-Salem Regional Office**  
450 West Hanes Mill Road, Suite 300  
Winston-Salem, NC 27105  
(336) 771-9800



## North Carolina Department of Environmental Quality

Pat McCrory  
Governor

Donald R. van der Vaart  
Secretary

TO: Lyn Hardison, Environmental Coordinator

FROM: Scott Bullock, Regional UST Supervisor

COPY: Robert Davies, Corrective Action Branch Head

COPY: Sharon Brinkley, Administrative Secretary

DATE: October 19, 2015

RE: Environmental Review – Project Number 16-0107– Environmental Review – Application of Albemarle Beach Solar LLC for a Certificate to construct an 80 MW Solar Facility in Washington County located on both sides of Mackeys Road and Albemarle Beach Road in Roper, NC.

I searched the Petroleum Underground Storage Tank (UST) and Non-UST Databases and those databases indicated one petroleum release near the proposed project area (Incident Number 7483 located at 7436 Mackeys Road). I reviewed the above proposal and determined that this project should not have any adverse impact upon groundwater. The following comments are pertinent to my review:

1. The Washington Regional Office (WaRO) UST Section recommends removal of any abandoned or out-of-use petroleum USTs or petroleum above ground storage tanks (ASTs) within the project area. The UST Section should be contacted regarding use of any proposed or on-site petroleum USTs or ASTs. We may be reached at (252) 946-6481.
2. Any petroleum USTs or ASTs must be installed and maintained in accordance with applicable local, state, and federal regulations. For additional information on petroleum ASTs it is advisable that the North Carolina Department of Insurance at (919) 661-5880 ext. 239, USEPA (404) 562-8761, local fire department, and Local Building Inspectors be contacted.
3. Any petroleum spills must be contained and the area of impact must be properly restored. Petroleum spills of significant quantity must be reported to the North Carolina Department of Environment & Natural Resources – Division of Waste Management Underground Storage Tank Section in the Washington Regional Office at (252) 946-6481.
4. Any soils excavated during demolition or construction that show evidence of petroleum contamination, such as stained soil, odors, or free product must be reported immediately to the local Fire Marshall to determine whether explosive or inhalation hazards exist. Also, notify the UST Section of the Washington Regional Office at (252) 946-6481. Petroleum contaminated soils must be handled in accordance with all applicable regulations.
5. Any questions or concerns regarding spills from petroleum USTs, ASTs, or vehicles should be directed to the UST Section at (252) 946-6481.

If you have any questions or need additional information, please contact me at 252-948-3906.

1601 Mail Service Center, Raleigh, North Carolina 27699-1601  
Phone: 919-707-8600 \ Internet: [www.ncdenr.gov](http://www.ncdenr.gov)

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Nov 16 2015

NORTH CAROLINA STATE CLEARINGHOUSE  
DEPARTMENT OF ADMINISTRATION  
INTERGOVERNMENTAL REVIEW

COUNTY: WASHINGTON

H11: ENERGY RELATED  
FACILITIES/ACTIVITIES

STATE NUMBER: 16-E-4600-010  
DATE RECEIVED: 10/12/2015  
AGENCY RESPONSE: 11/09/2015  
REVIEW CLOSED: 11/12/2015

MS ELIZABETH HEATH  
CLEARINGHOUSE COORDINATOR  
DEPT OF AGRICULTURE  
1001 MSC - AGRICULTURE BLDG  
RALEIGH NC

**REVIEW DISTRIBUTION**

DENR - COASTAL MGT  
DENR LEGISLATIVE AFFAIRS  
DEPT OF AGRICULTURE  
DEPT OF CULTURAL RESOURCES  
DEPT OF TRANSPORTATION  
DPS - DIV OF EMERGENCY MANAGEMENT  
THE ALBEMARLE COMMISSION

**PROJECT INFORMATION**

APPLICANT: N.C. Department of Commerce  
TYPE: State Environmental Policy Act  
Environmental Review

DESC: Application of Albemarle Beach Solar LLC for a Certificate to construct a 80-MW Solar Facility in Washington Co. Docket #SP-6476 Sub 0. - View document at <http://starw1.ncuc.net/NCUC/portal/ncuc/page/Dockets/portal.aspx>, Type SP-6476 Sub 0 in the Docket Number search line.

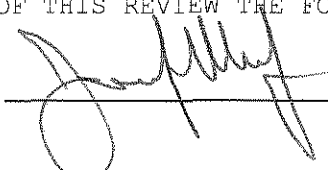
Located on both sides of Mackeys Road and Albemarle Beach Road, Roper, NC

The attached project has been submitted to the N. C. State Clearinghouse for intergovernmental review. Please review and submit your response by the above indicated date to 1301 Mail Service Center, Raleigh NC 27699-1301.

If additional review time is needed, please contact this office at (919)807-2425.

AS A RESULT OF THIS REVIEW THE FOLLOWING IS SUBMITTED:  NO COMMENT  COMMENTS ATTACHED

SIGNED BY: \_\_\_\_\_



DATE: \_\_\_\_\_

11/9/2015



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Nov 16 2015

NORTH CAROLINA STATE CLEARINGHOUSE  
DEPARTMENT OF ADMINISTRATION  
INTERGOVERNMENTAL REVIEW

*Nazia Sarder*

COUNTY: WASHINGTON

H11: ENERGY RELATED  
FACILITIES/ACTIVITIES

STATE NUMBER: 16-E-4600-010  
DATE RECEIVED: 10/12/2015  
AGENCY RESPONSE: 11/09/2015  
REVIEW CLOSED: 11/12/2015

MS CARRIE ATKINSON  
CLEARINGHOUSE COORDINATOR  
DEPT OF TRANSPORTATION  
STATEWIDE PLANNING - MSC #1554  
RALEIGH NC

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DEPT OF CULTURAL RESOURCES  
DEPT OF TRANSPORTATION  
DPS - DIV OF EMERGENCY MANAGEMENT  
THE ALBEMARLE COMMISSION

**PROJECT INFORMATION**

APPLICANT: N.C. Department of Commerce  
TYPE: State Environmental Policy Act  
Environmental Review

DESC: Application of Albemarle Beach Solar LLC for a Certificate to construct a 80-MW Solar Facility in Washington Co. Docket #SP-6476 Sub 0. - View document at <http://starwl.ncuc.net/NCUC/portal/ncuc/page/Dockets/portal.aspx>, Type SP-6476 Sub 0 in the Docket Number search line.

Located on both sides of Mackeys Road and Albemarle Beach Road, Roper, NC

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If additional review time is needed, please contact this office at (919)807-2425.

AS A RESULT OF THIS REVIEW THE FOLLOWING IS SUBMITTED:  NO COMMENT  COMMENTS ATTACHED

SIGNED BY: *[Signature]*

DATE: 10/26/15



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Nov 16 2015

NORTH CAROLINA STATE CLEARINGHOUSE  
DEPARTMENT OF ADMINISTRATION  
INTERGOVERNMENTAL REVIEW

COUNTY: WASHINGTON

H11: ENERGY RELATED  
FACILITIES/ACTIVITIES

STATE NUMBER: 16-E-4600-010  
DATE RECEIVED: 10/12/2015  
AGENCY RESPONSE: 11/09/2015  
REVIEW CLOSED: 11/12/2015

MS CAROLYN PENNY  
CLEARINGHOUSE COORDINATOR  
DPS - DIV OF EMERGENCY MANAGEMENT  
FLOODPLAIN MANAGEMENT PROGRAM  
MSC # 4218  
RALEIGH NC

OCT 14 2015

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DENR LEGISLATIVE AFFAIRS  
DEPT OF AGRICULTURE  
DEPT OF CULTURAL RESOURCES  
DEPT OF TRANSPORTATION  
DPS - DIV OF EMERGENCY MANAGEMENT  
THE ALBEMARLE COMMISSION

PROJECT INFORMATION

APPLICANT: N.C. Department of Commerce  
TYPE: State Environmental Policy Act  
Environmental Review

DESC: Application of Albemarle Beach Solar LLC for a Certificate to construct a 80-MW Solar Facility in Washington Co. Docket #SP-6476 Sub 0. - View document at <http://starwl.ncuc.net/NCUC/portal/ncuc/page/Dockets/portal.aspx>, Type SP-6476 Sub 0 in the Docket Number search line.

Located on both sides of Mackeys Road and Albemarle Beach Road, Roper, NC

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If additional review time is needed, please contact this office at (919)807-2425.

AS A RESULT OF THIS REVIEW THE FOLLOWING IS SUBMITTED:  NO COMMENT  COMMENTS ATTACHED

SIGNED BY:

*John D Burbaker*

DATE: 28 OCT 2015



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Nov 16 2015



**North Carolina Department of Public Safety**  
**Emergency Management**

Pat McCrory, Governor  
Frank L. Perry, Secretary

Michael A. Sprayberry, Director

October 28, 2015

State Clearinghouse  
N.C. Department of Administration  
1301 Mail Service Center  
Raleigh, North Carolina 27699-1301

Subject: Intergovernmental Review State Number: 16-E-4600-0107  
Albemarle Beach Solar, LLC, Washington County

As requested by the North Carolina State Clearinghouse, the North Carolina Department of Public Safety Division of Emergency Management Risk Management reviewed the proposed project listed above and offers the following comments:

- 1) The project site is located in Washington County. Washington County participates in the National Flood Insurance Program and enforces Flood Damage Prevention Ordinance that requires a Floodplain Development Permit be issued for all development located in the Special Flood Hazard Area (SFHA) within its jurisdictions. Please ensure Washington County's Floodplain Administrator reviews and issues permits for each part of the Albemarle Beach Solar Photovoltaic Electric Generating Facility within a SFHA.
- 2) The site outlined in the application encroaches on the SFHA. Please see Flood Insurance Rate Map Panels 6788 and 7709. Any grading, fill or placement of equipment or materials in the SFHA will require a floodplain development permit issued by Washington County.
- 3) All structures and utilities should be protected to the regulatory flood protection elevation as described in Washington County's ordinance and 44 CFR 60.3.

Thank you for your cooperation and consideration. If you have any questions concerning the above comments, please contact me at (919) 825-2300, by email at [dan.brubaker@ncdps.gov](mailto:dan.brubaker@ncdps.gov) or at the address shown on the footer of this document.

Sincerely,

John D. Brubaker, P.E., CFM  
NFIP Engineer  
Risk Management

**MAILING ADDRESS:**  
4218 Mail Service Center  
Raleigh NC 27699-4218  
[www.ncdps.gov](http://www.ncdps.gov)  
[www.ncfloodmaps.com](http://www.ncfloodmaps.com)



**GTM OFFICE LOCATION:**  
4105 Reedy Creek Road  
Raleigh, NC 27607  
Telephone: (919) 825-2341  
Fax: (919) 825-0408

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Nov 16 2015

cc: John Dorman, Program Director  
John Gerber, NFIP State Coordinator

Ann Keyes, CFM, Planning and Safety Director, Washington County

File