



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 3, 2019

The Honorable Bill John Baker, Principal Chief
and THPO
P.O. Box 948
Tahlequah, OK 74465

SUBJECT: NOTICE OF AVAILABILITY OF THE ISSUANCE OF THE FINAL
ENVIRONMENTAL IMPACT STATEMENT FOR AN EARLY SITE PERMIT AT
THE CLINCH RIVER NUCLEAR SITE IN ROANE COUNTY, TENNESSEE

Dear Principal Chief Baker:

The U.S. Nuclear Regulatory Commission (NRC) has completed NUREG-2226, "Environmental Impact Statement for an Early Site Permit (ESP) at the Clinch River Nuclear Site, Final Report." The final environmental impact statement (EIS) focuses on the impacts of building and operating two or more small modular reactors (SMRs) at the Clinch River Nuclear (CRN) Site near Oak Ridge, Tennessee. The U.S. Army Corps of Engineers, Nashville District (USACE), is a cooperating agency on the final EIS, which was prepared in accordance with Title 10 of the *Code of Federal Regulations* (CFR) Part 51, the NRC's regulations that implement the National Environmental Policy Act (NEPA) of 1969, as amended.

A notice of availability of the final EIS is anticipated to be published by the NRC on or before April 11, 2019 in the *Federal Register*. Enclosed, for your convenience, is a reader's guide which contains a DVD with electronic versions of Volumes 1 and 2 of the final EIS. The reader's guide is a detailed brochure to facilitate your understanding of the proposed action and its potential environmental impacts. The final EIS is also available through the publicly available records component of the NRC's Agencywide Documents Access and Management System (ADAMS) under Accession Nos. ML19073A099 and ML19073A109. In addition, the final EIS can be found online on the NRC CRN Site Web site at: <http://www.nrc.gov/reactors/new-reactors/esp/clinch-river.html#feis>.

By letter dated April 20, 2017 (ADAMS Accession No. ML17041A085), the NRC staff notified you that in accordance with 36 CFR 800.8(c), the staff is using the NEPA process to comply with its obligations under Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended, in lieu of the procedures set forth in 36 CFR 800.3 through 800.6. Accordingly, completion of the final EIS also documents NRC's completion of NHPA Section 106 compliance and consultation for its action to issue an ESP. An ESP does not, however, authorize construction and operation of a nuclear power plant. Should Tennessee Valley Authority (TVA) choose to proceed with their proposed project, they would need to apply for, and receive, a separate authorization (such as a combined license) from the NRC in order to construct and operate a nuclear power plant at the CRN Site. This authorization would constitute a separate NRC undertaking and would require the NRC to prepare a supplemental EIS and complete a separate NHPA Section 106 review and consultation. As a Federal agency, TVA is also required to comply with NEPA and the NHPA independently from NRC and the USACE. TVA has executed a programmatic agreement (PA) in consultation with your office and consulting American Indian Tribes. The final EIS describes how TVA's PA plans to resolve potential

adverse effects of building and operating two or more SMRs on historic properties within the direct and indirect areas of potential effect.

As discussed in the final EIS, the staff's recommendation related to the environmental aspects of the proposed action is that the ESP should be issued. This recommendation is based on: (1) the environmental report (ER) submitted by TVA, as revised; (2) consultation with Federal, State, Tribal and local agencies; (3) the NRC staff's independent review; (4) the NRC staff's consideration of comments received during the environmental review; and (5) the assessments summarized in the final EIS, including the potential mitigation measures identified in the ER and in this EIS. In addition, in making its recommendation, the NRC staff has concluded that none of the alternative sites considered is obviously superior to the proposed CRN Site.

If you have any questions concerning the NRC staff's environmental review of this ESP application, please contact Ms. Tamsen Dozier at (301) 415-2272 or by e-mail at Tamsen.Dozier@nrc.gov, or Ms. Jennifer Davis at (301) 415-3835 or by e-mail at Jennifer.Davis@nrc.gov.

Sincerely,

/RA/

Jennivine Rankin, Acting Chief
Licensing Branch 3
Division of Licensing, Siting, and
Environmental Analysis
Office of New Reactors

Docket No.: 52-047

Enclosures:

1. DVD
2. Reader's Guide

cc: Elizabeth Toombs,
Special Projects Officer

SUBJECT: NOTICE OF AVAILABILITY OF THE ISSUANCE OF THE FINAL
ENVIRONMENTAL IMPACT STATEMENT FOR AN EARLY SITE PERMIT AT
THE CLINCH RIVER NUCLEAR SITE IN ROANE COUNTY, TENNESSEE

DATED: April 3, 2019

Identical letters have been sent to:

Chairperson Jo Ann Battise, Alabama-Coushatta Tribe of Texas
Chief Nelson Harjo, Alabama-Quassarte Tribal Town
Governor Edwina Butler-Wolfe
Governor Bill Anoatubby, The Chickasaw Nation
Chairman David Sickney, Coushatta Tribe of Louisiana
Chief Glenna J. Wallace, Eastern Shawnee Tribe of Oklahoma
Principal Chief Richard Sneed, Eastern Band of The Cherokee Indians
Principal Chief B. Cheryl Smith, Jena Ban of Choctaw Indians
Town King Jeremiah Hobia, Kialegee Tribal Town
Principal Chief James Floyd, Muscogee (Creek) Nation of Oklahoma
Tribal Chair Stephanie A. Bryan, Poarch Band of Creek Indians
Principal Chief Gregory Chilcoat, Seminole Nation of Oklahoma
Chairman Marcellus W. Osceola Jr., Seminole Tribe of Florida
Chief Ron Sparkman, Shawnee Tribe of Oklahoma
Town King Ryan Morrow, Thlopthlocco Tribal Town
Chief Joe Bunch, United Keetoowah Band of Cherokee Indians

DISTRIBUTION:

PUBLIC

Reading File

TDozier, NRO

JRankin, NRO

RidsOgcMailCenter

SLopas, NMSS

RidsOpaMail

RidsNroDlse

BMcDowell, PNNL (bruce.mcdowell@pnnl.gov)

KLeigh, PNNL (Kimberly.Laigh@pnnl.gov)

MMcintosh, USACE (mark.m.mcintosh@usace.army.mil)

ADAMS Accession No.: ML19053A646

***via e-mail**

NRO-002

NAME	AWilliamson	SGreen	JDavis	KErwin (JDavis For)
DATE	3/4/2019	2/26/2019	2/28/2019	3/21/2019
OFFICE	BC:NRO:DLSE	OGC	DD:NRO:DLSE	BC:NRO:DLSE
NAME	JRankin (AFetter for)	AHove	ABradford	JRankin (sign)
DATE	3/20/2019	3/19/2019	3/21/2019	4/3/19

OFFICIAL RECORD COPY

Clinch River Environmental Mailing List
cc:

(Revised 03/27/2019)

Mr. Lionel Batty
Nuclear Business Team
Graftech
12300 Snow Road
Parma, OH 44130

Russell Bell
Nuclear Energy Institute
1776 I Street, NW
Suite 400
Washington, DC 20006-3708

Ms. Amy S. Fitzgerald, Ph.D.
Government Affairs and
Information Services Director
City of Oak Ridge
P.O. Box 1
Oak Ridge, TN 37831

Ms. Taconya Goar
Environmental Affairs Supervisor
Alabama Department of Conservation and
Natural Resources
64 North Union Street, Suite 551
Montgomery, AL 36130

Mr. Brendan Hoffman
Research Associate on Nuclear Energy
Public Citizens Critical Mass Energy and
Environmental Program
215 Pennsylvania Avenue, SE
Washington, DC 20003

Ms. Mary Jennings
Field Supervisor
U.S. Fish and Wildlife Service
Tennessee Ecological Services Field Office
466 Neal Street
Cookeville, TN 38506

Mr. Larry Long
NEPA Program Office
U.S. Environmental Protection
Agency, Region 4
61 Forsyth Street, SW
Atlanta, GA 30303

Mr. E. Patrick McIntyre, Jr.
Executive Director and
State Historic Preservation Officer
Tennessee Historical Commission
State Historic Preservation Office
2941 Lebanon Pike
Nashville, TN 37214

Ms. Kathy McNeily
Director
Oak Ridge Public Library
1401 Oak Ridge Turnpike
Oak Ridge, TN 37830

Mr. Reid Nelson
Director
Office of Federal Agency Programs
Advisory Council on Historic Preservation
401 F Street NW, Suite 308
Washington, DC 20001-2637

Mr. Bill Pearson
Field Supervisor
U.S. Fish and Wildlife Service
Alabama Ecological Services Field Office
1208-B Main Street
Daphne, AL 36526

Carlos Sisco
Senior Paralegal
Winston & Strawn LLP
1700 K Street NW
Washington, DC 20006

Clinch River Environmental Mailing List

Ms. Emily Steele
Kingston Public Library
1004 Bradford Way
Kingston, TN 37763

Mr. Daniel P. Stout
Senior Manager
Tennessee Valley Authority
Small Modular Reactors
1101 Market Street, LP 4B
Chattanooga, TN 37402

Ms. Tammy Turley
U.S. Army Corps of Engineers
Nashville District
3701 Bell Road
Nashville, TN 37214

Clinch River Environmental Mailing List

Email

0e8@ettp.doe.gov (Lynn Sims)
af4nm@bellsouth.net (Riley Cumberland)
Alan.Levin@areva.com (Alan Levin)
asi@ornl.gov (Anita Benn)
awc@nei.org (Anne W. Cottingham)
badwan@lanl.gov (Faris Badwan)
Barbara Kelly (bk1rivers@gmail.com)
barncusa@aol.com (James S. Jones)
bevans@enercon.com (Bob Evans)
bpaddock@twlakes.net (Brian Paddock)
bredl@skybest.com (Louis Zeller)
cee@nei.org
Charles Burgered (burger@ornal.gov)
chkrause23@gmail.com (Carolyn Krause)
chm3@aol.com (Clyde Morton)
collinlj@westinghouse.com (Leslie Collins)
curtisslaw@gmail.com (Jim Curtiss)
d.weaver@westinghouse.com (Doug Weaver)
david.hinds@ge.com (David Hinds)
david.lewis@pillsburylaw.com (David Lewis)
debra.shutls@tn.gov (Debra Shults)
dhsmith@loudoncourty-tn.gov (Daryl Smith)
dlfulton@southernco.com (Dale Fulton)
dmichlink@citifab.com (Doug Michlink)
don.tormey@iub.iowa.gov (Don Tormey)
Donald Rosen (safetyguy46@bellsouth.net)
dougcolcl@aol.com (Doug Colclasure)
dpstout@tva.gov (Daniel P. Stout)
dsafer@comcast.net (Don Safer)
duane.fournier@iub.iowa.gov (Duane Fournier)
Dwain Alexander (dwalexander2249@gmail.com)
ed.burns@earthlink.net (Ed Burns)
edwardsd@mcsed.net (D. Edwards)
elyman@ucsusa.org (Ed Lyman)
emergmt@highland.net (Jody Zorsch)
erg-xl@cox.net (Eddie R. Grant)
ethompson@astribе.com (Erin Thompson)
exa@nei.org (Ellen Anderson)
exit360tn@yahoo.com (Sean Gallagher)
F.Shahrokhi@AREVA.Com (Farshid Shahrokhi)
flowerspa@ornl.gov (Paula Flowers)
frank.bodine@oca.iowa.gov (Frank Bodine)
Fred O'Hara (fohara@fohara.com)
Fred Overbay (fnoverbay@icloud.com)

Clinch River Environmental Mailing List

ggilmartin@gengineeringworks.com (Gary Gilmartin)
gjones28@vols.utk.edu (Graham Jones)
gmorg50@hotmail.com (Garry Morgan)
heradke32@gmail.com (Herman Radke)
hickste@earthlink.net (Thomas Hicks)
hudgensdoug@gmail.com (Douglas Hudgens)
jake.almond@afmforest.com (Jake Almond)
jalex1@att.net (James K. Alexandar)
James Owens (james.owens@jrglobal.net)
james1.beard@ge.com (James Beard)
jamie@utk.edu (Jamie Coble)
jcsaldar@bechtel.com (James Saldarini)
jerald.head@ge.com (Jerald Head)
jerry.bingaman@tn.gov (Jerry Bingaman)
Jim Campbell (campbell@et.conl.ne.org)
Jim.Kinsey@inl.gov (James Kinsey)
jim.sundermeyer@iub.iowa.gov
jnperry@tva.gov (Jeff Perry)
JNR@NuScalePower.com (Jose N. Reyes)
John.Kutz@vw.com (John Kutz)
JordanB@Centrusenergy.com (Ben Jordan)
jrappe@nuscalepower.com (Jodi Rappe)
kddkjo@icloud.com (Kent Daschke)
klngcl@westinghouse.com (Charles Kling)
kouhestani@msn.com (Amir Kouhestani)
KSutton@morganlewis.com (Kathryn M. Sutton)
Kwelter@NuScalePower.com (Kent Welter)
lag@ettp.doe.gov (Holly Clancy)
larry.shi@oca.iowa.gov (Larry Shi)
larry.stevens@iub.iowa.gov
laura.andrews@CNSC-CCSN.GC.CA (Laura Andrews)
lee.mcgetrick@aecom.com (Lee McGetrick)
lgorenflo@gmail.com (L. Gorenflo)
LHofman@pearlgrace.com (Laura Hofman)
luther.jones@dzatlantic.com (Luther B. Jones)
mack.thompson@iub.iowa.gov
mark.a.giles@dom.com (Mark Giles)
mark.holbrook@inl.gov (Mark Holbrook)
mark.m.mcintosh@usace.army.mil
mark@npva.net
martha.shields@nuclear.energy.gov (Martha Shields)
martinrc@ornl.gov (Rodger Martin)
Mary Anne Koltowich (kolsonthma@gmail.com)
mary_e_jennings@fws.gov (Mary Jennings)
michelle@cleanenergy.com (Michelle Powell)

Clinch River Environmental Mailing List

Mike Stomer (mstomer@smeinc.com)
mkirkega@vols.utk.edu (Marie Kirkegaard)
moorejam@charter.net (Johny Moore)
murawski@newsobserver.com (John Murawski)
nanako@wcore.com (Nanako Hisamichi)
nicholas_luciano@yahoo.com (Nick Luciano)
patriciaL.campbell@ge.com (Patricia L. Campbell)
Paul@beyondnuclear.org (Paul Gunter)
paynkey@hotmail.com (Parveen Baig)
PLorenzini@NuScalePower.com (Paul Lorenzini)
poorewpil@ornl.gov (Willis P. Poore III)
pshastings@tva.gov (Peter Hastings)
psinselharvey@gmail.com (Parry Harvey)
Renee Kelley (grkelly@sciend.com)
Rick Chinn (rick@rrproperroes.com)
rnicholas@ge.com (Robert Nicholas)
ronald.polle@oca.iowa.gov
RSnuggerud@NuScalePower.com (Ross Snuggerud)
rtaylor@hdiac.org (Ryan Taylor)
ryan.crihfield@tn.gov (Ryan Carihfield)
Sandra@sandrakgoss.com (Sandra Goss)
sandykurtz4@gmail.com (Sandy Kurtz)
sara@cleanenergy.org (Sara Barczak)
scott.stout@roanecountytn.org (Scott Stout)
section106@mcn-nsn.gov (Corain Lowe-Zepeda)
sjones5@utk.edu (Sid Jones)
smirsky@nuscalepower.com (Steve Mirsky)
spellmandj@ornl.gov (Donald J. Spellman)
sskutnik@utk.edu (Steve Skutnik)
stephen.burdick@morganlewis.com (Stephen Burdick)
t.beach@aol.com (Tom Beach)
tdec.nepa@tn.gov (Jennifer Hauser)
tfeigenbaum@generationmpower.com (Ted Feigenbaum)
tgado@roe.com (Burns & Roe)
tholden@tnema.org (tim Holden)
tim@eteba.org (Tim Griffin)
timothy.beville@nuclear.energy.gov (Timothy Beville)
tlwandell@msn.com (Tracy Wandell)
TomClements329@cs.com (Tom Clements)
tommy_le2001@yahoo.com (Tommy Le)
toni.ostrander@tn.gov (Toni Ostrander)
tpouleknex@aol.com (Tony Poule)
trsmith@winston.com (Tyson Smith)
ullrichjim@ntown.com (Jim Ullrich)
Vanessa.quinn@dhs.gov (Vanessa Quinn)

Clinch River Environmental Mailing List

vinsonwr@gmail.com (Roger & Barbara Vinson)
whorin@winston.com (W. Horin)
Williamray009@comcast.net (William Ray II & Donna Ray)
wkbarry1@gmail.com (William Barry)
wnl@naegeli.net (Wof NaegeliPage)