



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

January 11, 2018

MEMORANDUM TO: Joseph Colaccino, Chief
Licensing Branch 3
Division of New Reactor Licensing
Office of New Reactors

FROM: Tamsen Dozier, Project Manager **/RA/**
Licensing Branch 3
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY REPORT FOR THE FULL SCOPE ENVIRONMENTAL
AUDIT FOR THE CLINCH RIVER NUCLEAR EARLY SITE PERMIT
APPLICATION

By letter dated May 12, 2016, Tennessee Valley Authority (TVA) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for an early site permit (ESP) for the Clinch River Nuclear (CRN) Site located in Oak Ridge, Tennessee. TVA's ESP application included an Environmental Report (ER). TVA subsequently provided supplemental information in support of the application and the NRC staff accepted the application for docketing and detailed review on December 30, 2016. On April 13, 2017, the NRC issued a notice of intent to prepare an environmental impact statement (EIS) and to conduct scoping for TVA's ESP application (82 FR 17885).

In support of the NRC staff's environmental review of TVA's ESP application and development of the EIS, the NRC conducted an audit of data and information used to support the ER, as supplemented. The audit was conducted in two parts and the NRC environmental staff was joined by its contractor project team from the Pacific Northwest National Laboratory and by staff from the U.S. Army Corps of Engineers (jointly referred to as the review team). The face-to-face portion of the audit was held primarily at TVA offices in Knoxville, Tennessee from May 15-19, 2017. In conjunction with the information audit, the review team visited the CRN site and surrounding area to become familiar with the site layout and surrounding features. Additionally, the team met with numerous Federal and state agencies to understand their regulatory authorities for resources potentially affected by the project and to discuss any concerns.

CONTACTS: Tamsen Dozier, NRO/DNRL
301-415-2272

Patricia Vokoun, NRO/DNRL
301-415-3470

The second portion of the audit included additional teleconference audit discussions and continued review of both non-docketed information and applicant submittals in response to information needs that required information to be placed on the docket. The audit plan used to support these interactions is located in NRC's Agencywide Documents Access and Management System (ADAMS) under Accession No. ML17088A728. The review team developed an initial list of 150 information need items which are grouped under fourteen categories (generally representing the EIS review areas) and this list is provided as Attachment 2 in the audit plan.

The enclosed Environmental Audit Summary Report presents the scope of the audit, the audit team members and applicant staff participants, a description of audit activities including meetings with other Federal, state and local agencies, and a summary of the issues discussed and the status / resolution of the information needs that were outlined in the audit plan.

Docket No. 52-047

Enclosure: As stated

cc w/encl: See next page

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THE CLINCH RIVER NUCLEAR SITE EARLY SITE PERMIT APPLICATION
DATED JANUARY 11, 2018

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KErwin, NRO

LBurkhart, NRO

JColaccino, NRO

SGreen, NRO

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RidsAcrsAcnwMailCenter

TDozier, NRO

AHove, OGC

PVokoun, NRO

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

KLeigh, PNNL (kimberly.leigh@pnnl.gov)

ADAMS Accession No.: ML17226A025

ML17226A020 (Pkg.) *via e-mail

NRO-002

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|---------------|---------------------|--------------|-------------|--------------|
| OFFICE | DNRL/LB3:PM | DNRL/LB3: PM | DNRL/LB3:LA | DNRL/LB3: PM |
| NAME | TDozier | PVokoun | SGreen | AFetter |
| DATE | 1/3/2018 | 10/10/2017 | 09/05/2017 | 10/17/2017 |
| OFFICE | DSEA/RENV:BC | DSEA/RPAC:BC | DNRL/LB3:BC | |
| NAME | KErwin (JDavis for) | LBurkhart | JColaccino | |
| DATE | 1/3/2018 | 1/3/2018 | 1/9/2018 | |

OFFICIAL RECORD COPY

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

Mr. Daniel P. Stout
Nuclear Business Team
Senior Manager
SMR Technology
Tennessee Valley Authority
1201 P Street, NW, Suite 1100
Washington, DC 20004-1218

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

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

Mr. Dobie McArthur, Director
Washington Operations
General Atomics
1899 Pennsylvania Avenue, NW
Suite 300
Washington, DC 20006

Mr. David Repka
Winston & Strawn LLP
1700 K. Street, NW
Washington, DC 20006-3817

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

Mr. Robert E. Sweeney
IBEX ESI
4641 Montgomery Avenue, Suite 350
Bethesda, MD 20814

Ms. Edwina Butler-Wolfe, Governor
Absentee Shawnee Tribe
2025 S. Gordon Cooper
Shawnee, OK 74801

Ms. Jo Ann Battise, Chairperson
Alabama-Coushatta Tribe of Texas
571 State Park Road 56
Livingston, TX 77351

Mr. Tarpie Yargee, Chief
Alabama-Quassarte Tribal Town
P.O. Box 187
Wetumka, OK 74883

Mr. Bill John Baker, Principal Chief
and THPO
Herokee Nation of Oklahoma
P.O. Box 948
Tahlequah, OK 74465

Mr. Bill Anoatubby, Governor
The Chickasaw Nation
P.O. Box 1548
Ada, OK 74821-1548

Mr. Patrick Lambert, Principal Chief
Qualla Boundary Reservation
Eastern Band of the Cherokee Indians
Post Office Box 455
Cherokee, NC 28719

Ms. Glenna J. Wallace, Chief
Eastern Shawnee Tribe of Oklahoma
12705 South 705 Road
Wyandotte, OK 74370

Clinch River Mailing List
cc:

(Revised 3/16/2017)

Mr. Jeremiah Hobia, Town King
Kialegee Tribal Town
P.O. Box 332
Wetumka, OK 74883

Ms. Lovelin Poncho, Chairman
Coushatta Tribe of Louisiana
P.O. Box 818
Elton, LA 70532

Mr. James Floyd, Principal Chief
Muscogee (Creek) Nation of Oklahoma
P.O. Box 580
Okmulgee, OK 74447

Ms. B. Cheryl Smith, Principal Chief
Jena Band of the Choctaw Indians
P.O. Box 14
Jena, LA 71432

Ms. Stephanie A. Bryan, Tribal Chair
Poarch Band of Creek Indians
5811 Jack Springs Road
Atmore, AL 36502
Mr. Marcellus W. Osceola Jr., Chairman
Seminole Tribe of Florida
6300 Stirling Road
Hollywood, Florida 33024

Ms. Phyliss J. Anderson, Chief
Mississippi Band of Choctaw Indians
101 Industrial Road
Choctaw, MS 39350

Mr. John Berrey, Chairman
Quapaw Tribe of Oklahoma
P.O. Box 765
Quapaw, OK 74363

Mr. Leonard M. Harjo, Principal Chief
Seminole Nation of Oklahoma
P.O. Box 1498
Wewoka, OK 74884

Mr. Eric Reusch
U.S. Army Corps of Engineers
Nashville District
3701 Bell Road
Nashville, TN 37214

Mr. Ron Sparkman, Chief
Shawnee Tribe of Oklahoma
P.O. Box 189
Miami, OK 74354

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

Mr. Ryan Morrow, Town King
Thlopthlocco Tribal Town
P.O. Box 188
Okemah, OK 74859

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

Mr. Joe Bunch, Chief
United Keetoowah Band
Of Cherokee Indians
P.O. Box 746
Tahlequah, OK 74465

Mr. Gary Batton, Chief
Choctaw Nation of Oklahoma
P.O. Box 1210
Durant, OK 74702-1210

Email:

aghpo@mail.com (Molly Franks)
Alan.Levin@areva.com (Alan Levin)
alawson@knoxvilletn.gov (Alan Lawson)
ashively@jenachoctaw.org (Alina Shively)
asi@ornl.gov (Anita Benn)
awc@nei.org (Anne W. Cottingham)
badwan@lanl.gov (Faris Badwan)
bevans@enercon.com (Bob Evans)
cee@nei.org
Celestine.Bryant@Actrbe.Org (Bryant Celestine)
charles.bagnal@ge.com (Charles Bagnal)
chm3@aol.com (Clyde Morton)
collinlj@westinghouse.com (Leslie Collins)
cposlusny@babcock.com (Chester Poslusny)
curtisslaw@gmail.com (Jim Curtiss)
d.weaver@holtec.com (Doug Weaver)
david.hinds@ge.com (David Hinds)
david.lewis@pillsburylaw.com (David Lewis)
debra.shults@tn.gov (Debra Shults)
dhsmith@loudoncounty-tn.gov (Daryl Smith)
dfulton@southernco.com (Dale Fulton)
don.tormey@iub.iowa.gov (Don Tormey)
dpstout@tva.gov (Daniel Stout)
dsafer@comcast.net (Don Safer)
duane.fournier@iub.iowa.gov
ebandy@quapawtribe.com (Everett Bandy)
ed.burns@earthlink.net (Ed Burns)
edwardsd@mcsed.net (D. Edwards)
ethompson@astribe.com (Erin Thompson)
elyman@ucsusa.org (Ed Lyman)
emergmt@highland.net (Jody Zorsch)
edwinab@astribe.com (Erin Thompson)
eoosahwee-voss@ukb-nsn.gov (Eric Oosahwee-Vos)
erg-xl@cox.net (Eddie R. Grant)
eroeste1@bechtel.com (Eric Oesterle)
ewallace@nuscalepower.com (Ed Wallace)
exa@nei.org (Ellen Anderson)
F.Shahrokhi@AREVA.Com (Farshid Shahrokhi)
flowerspa@ornl.gov (Paula Flowers)
frank.bodine@oca.iowa.gov (Frank Bodine)
gmokulczyk@energysolutions.com (Gair Okulczyk)
gmorg50@hotmail.com (Garry Morgan)
Harjo.n@sno-nsn.gov (Natalie Harjo)

cc:

hickste@earthlink.net (Thomas Hicks)
hpo@chickasaw.net (Kirk Perry)
ithompson@chowtawnation.com (Ian Thompson)
jahalfinger@babcock.com (Jeff Halfinger)
james1.beard@ge.com (James Beard)
jason.parker@pillsburylaw.com (Jason Parker)
jcsaldar@bechtel.com (James Saldarini)
jerald.head@ge.com (Jerald Head)
Jim.Kinsey@inl.gov (James Kinsey)
jim.sundermeyer@iub.iowa.gov (Jim Sundermeyer)
jnperry@tva.gov (Jeff Perry)
JNR@NuScalePower.com (Jose N. Reyes)
jrappe@nuscalepower.com (Jodi Rappe)
KCarleton@choctaw.org (Kenneth Carleton)
kerri.johannsen@iub.iowa.gov (Kerri Johannsen)
kim.jumper@shawnee-tribe.com (Kim Jumper)
klingscl@westinghouse.com (Charles Kling)
kouhestani@msn.com (Amir Kouhestani)
krrowe@tva.gov (Kevin R. Rowe)
KSutton@morganlewis.com (Kathryn M. Sutton)
Kwelter@NuScalePower.com (Kent Welter)
larry.shi@oca.iowa.gov (Larry Shi)
larry.stevens@iub.iowa.gov (Larry Stevens)
laura.andrews@CNSC-CCSN.GC.CA (Laura Andrews)
lchandler@morganlewis.com (Lawrence J. Chandler)
lgorenflo@gmail.com (L. Gorenflo)
libby.jacobs@iub.iowa.gov (Libby Jacobs)
llangle@couhattatribeal.org (Linda Langle)
luther.jones@dzatlantic.com (Luther B. Jones)
mack.thompson@iub.iowa.gov (Mack Thomson)
maria.webb@pillsburylaw.com (Maria Webb)
mark.a.giles@dom.com (Mark Giles)
mark.m.mcintosh@usace.army.mil
mark.holbrook@inl.gov (Mark Holbrook)
mark@npva.net
martha.shields@nuclear.energy.gov (Martha Shields)
mary_e_jennings@fws.gov (Mary Jennings)
murawski@newsobserver.com (John Murawski)
nanako@wcore.com (Nanako Hisamichi)
paynkey@hotmail.com (Steve Payne)
parveen.baig@iub.iowa.gov (Parveen Baig)
patriciaL.campbell@ge.com (Patricia L. Campbell)
Paul@beyondnuclear.org (Paul Gunter)
paulbackhouse@semtribe.com (Paul Backhouse)

cc:

PLorenzini@NuScalePower.com (Paul Lorenzini)
poorewpil@ornl.gov (Willis P. Poore III)
pshastings@tva.gov (Peter Hastings)
rbarrett@astminc.com (Richard Barrett)
rdushane@estoo.net (Robin Dushane)
rnicholas@ge.com (Robert Nicholas)
rthrower@pci-nsn.gov (Robert Thrower)
russtown@nc-cherokee.com (Russell Townsend)
ronald.polle@oca.iowa.gov (Ronald Polle)
RSnuggerud@NuScalePower.com (Ross Snuggerud)
Sandra@sandrakgoss.com (Sandra Goss)
sara@cleanenergy.org (Sara Barczak)
scott.stout@roanecountytn.org (Scott Stout)
sfrantz@morganlewis.com (Stephen P. Frantz)
section106@mcn-nsn.gov (Corain Lowe-Zepeda)
shobbs@enercon.com (Sam Hobbs)
SiteDCC-mpower@babcock.com (Document Control)
smirsky@nuscalepower.com (Steve Mirsky)
smsloan@babcock.com (Sandra Sloan)
spellmandj@ornl.gov (Donald J. Spellman)
stan.wolf@iub.iowa.gov (Stan Wolf)
stephan.moen@ge.com (Stephan Moen)
t.sensue@holtec.com (Terry Sensue)
tdec.nepa@tn.gov (Jennifer Hauser)
tfeigenbaum@generationmpower.com (Ted Feigenbaum)
tgado@roe.com (Burns & Roe)
tholden@tnema.org (Tim Holden)
thpo@tttown.org (Emma Spain)
timothy.beville@nuclear.energy.gov (Timothy Beville)
tom.miller@nuclear.energy.gov (Thomas P. Miller)
TomClements329@cs.com (Tom Clements)
tommy_le2001@yahoo.com (Tommy Le)
trsmith@winston.com (Tyson Smith)
Vanessa.quinn@dhs.gov (Vanessa Quinn)
W.E.SMIT@southernco.com (William Smith)
whorin@winston.com (W. Horin)