



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

March 14, 2013

Mr. E. Patrick McIntyre, Jr.
Executive Director
Tennessee Historical Commission
Department Of Environment And Conservation
2941 Lebanon Road
Nashville, TN 37243-0442

SUBJECT: SEQUOYAH NUCLEAR PLANT, UNITS 1 AND 2, LICENSE RENEWAL
APPLICATION REVIEW

Dear Mr. McIntyre:

The U.S. Nuclear Regulatory Commission (NRC) is conducting an environmental review of the effects of renewing the operating license for Sequoyah Nuclear Plant (SQN), Units 1 and 2. SQN is located in Hamilton County, Tennessee, approximately 6 miles east of Soddy-Daisy, Tennessee, on a peninsula on the western shore of the Chickamauga Reservoir. SQN is operated by the Tennessee Valley Authority (TVA). The application for renewal was submitted by TVA in a letter dated January 15, 2013, pursuant to Title 10 of the *Code of Federal Regulations* Part 54 (10 CFR Part 54).

The NRC has established that, as part of the staff's review of any nuclear power plant license renewal application, a site-specific Supplemental Environmental Impact Statement (SEIS) to its "Generic Environmental Impact Statement for License Renewal of Nuclear Plants," NUREG-1437, will be prepared under 10 CFR Part 51, the NRC's regulation that implements the National Environment Policy Act of 1969, as amended (NEPA). Through this letter, the NRC is initiating consultation under Section 106 of the National Historic Preservation Act (NHPA) with the Tennessee Historical Commission. In accordance with 36 CFR 800.8(c), the NRC will comply with the obligations required under Section 106 of the NHPA through its NEPA process. The final SEIS will include analyses of pertinent environmental issues, and in accordance with 36 CFR 800.8(c), analyses of potential impact to historic properties and other cultural resources.

In the context of NHPA, NRC staff has determined that the area of potential effects (APE) for a license renewal action is the area at the power plant site and its immediate environs that may be impacted by post-license renewal land-disturbing operations or projected refurbishment activities associated with the proposed action. The APE may extend beyond the immediate environs in those instances where post-license renewal land-disturbing operations or projected refurbishment activities specifically related to license renewal may potentially have an effect on known or proposed historic sites. This determination is made irrespective of ownership or control of the lands of interest.

E. McIntyre, Jr.

- 2 -

Please submit any comments that you may have on the scope of the environmental review by April 15, 2013. Written comments should be submitted by mail to:

Chief, Rules, Announcements, and Directives Branch
Division of Administrative Services
Office of Administration
Mailstop TWB-05-B01M
U.S. Nuclear Regulatory Commission
Washington, DC 20555

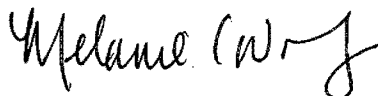
Electronic comments may be submitted to the NRC by accessing www.regulations.gov.

The SQN license renewal application is available at:
<http://www.nrc.gov/reactors/operating/licensing/renewal/applications/sequoyah.html>.

The NRC plans to hold two public environmental scoping meetings on April 3, 2013, at Soddy Daisy City Hall, 9835 Dayton Pike, Soddy Daisy, TN 37379. The first meeting will convene at 2:00 pm and will continue until 4:00 pm, as necessary; the second meeting will convene at 6:00 pm and will continue until 8:00 pm, as necessary. The NRC expects to publish the draft SEIS on February 10, 2014. A copy of the document will be sent to you for your review and comment. After consideration of public comments received, the NRC will prepare a final SEIS, which is scheduled to be issued in September 30, 2014.

If you have any questions concerning the NRC's review of this license renewal application, please contact Emily Larson, social scientist, at 301-415-1151 or by e-mail at Emily.Larson@nrc.gov.

Sincerely,



Melanie C. Wong, Chief
Environmental Review and
Guidance Update Branch
Division of License Renewal
Office of Nuclear Reactor Regulation

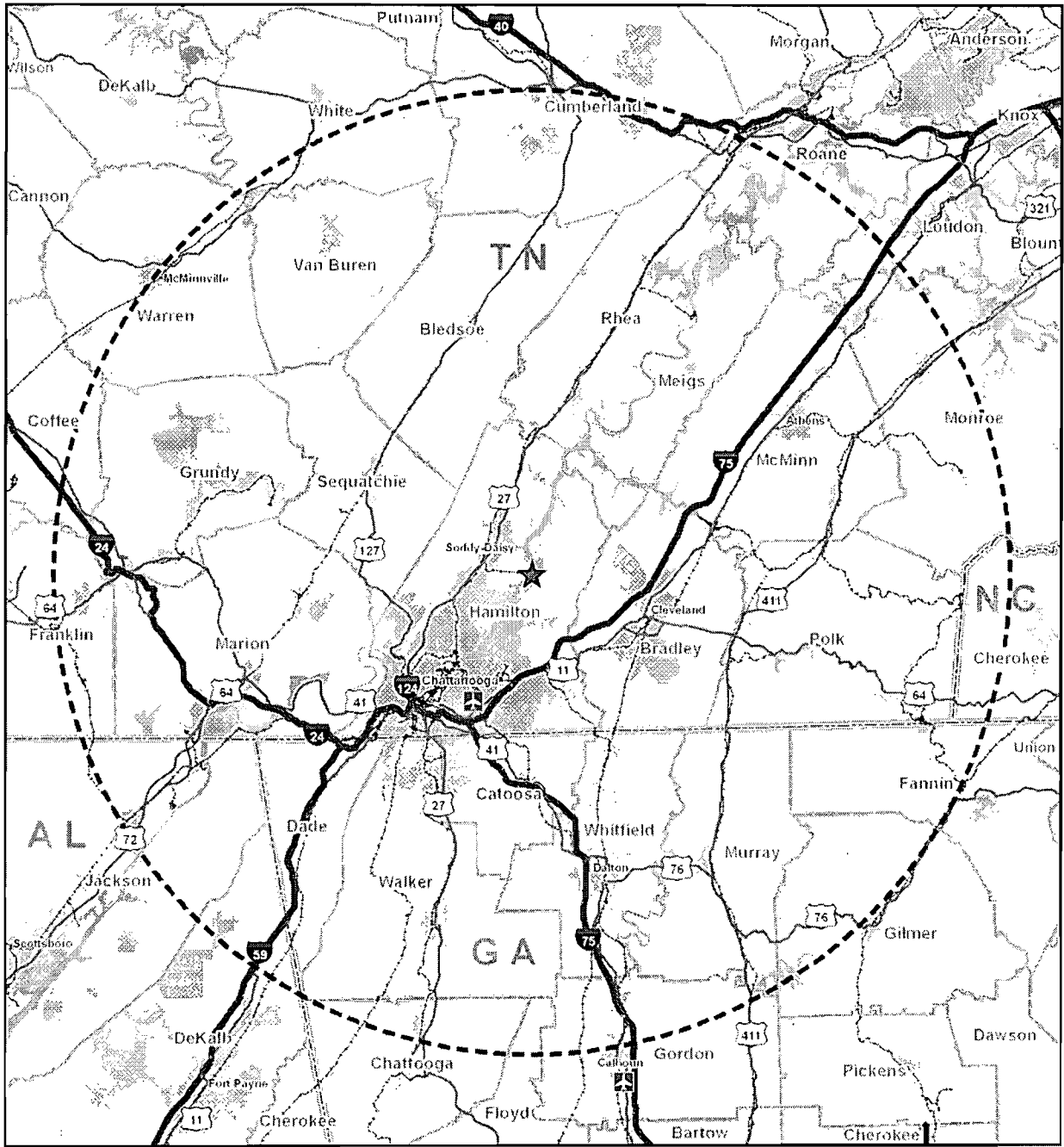
Docket Nos. 50-327 and 50-328

Enclosures:

1. Area Map, 50-mile radius
2. Area Map, 6-mile radius
3. SQN Site Area Map

cc w/encls: Listserv

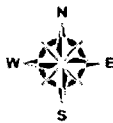
AREA MAP, 50-MILE RADIUS



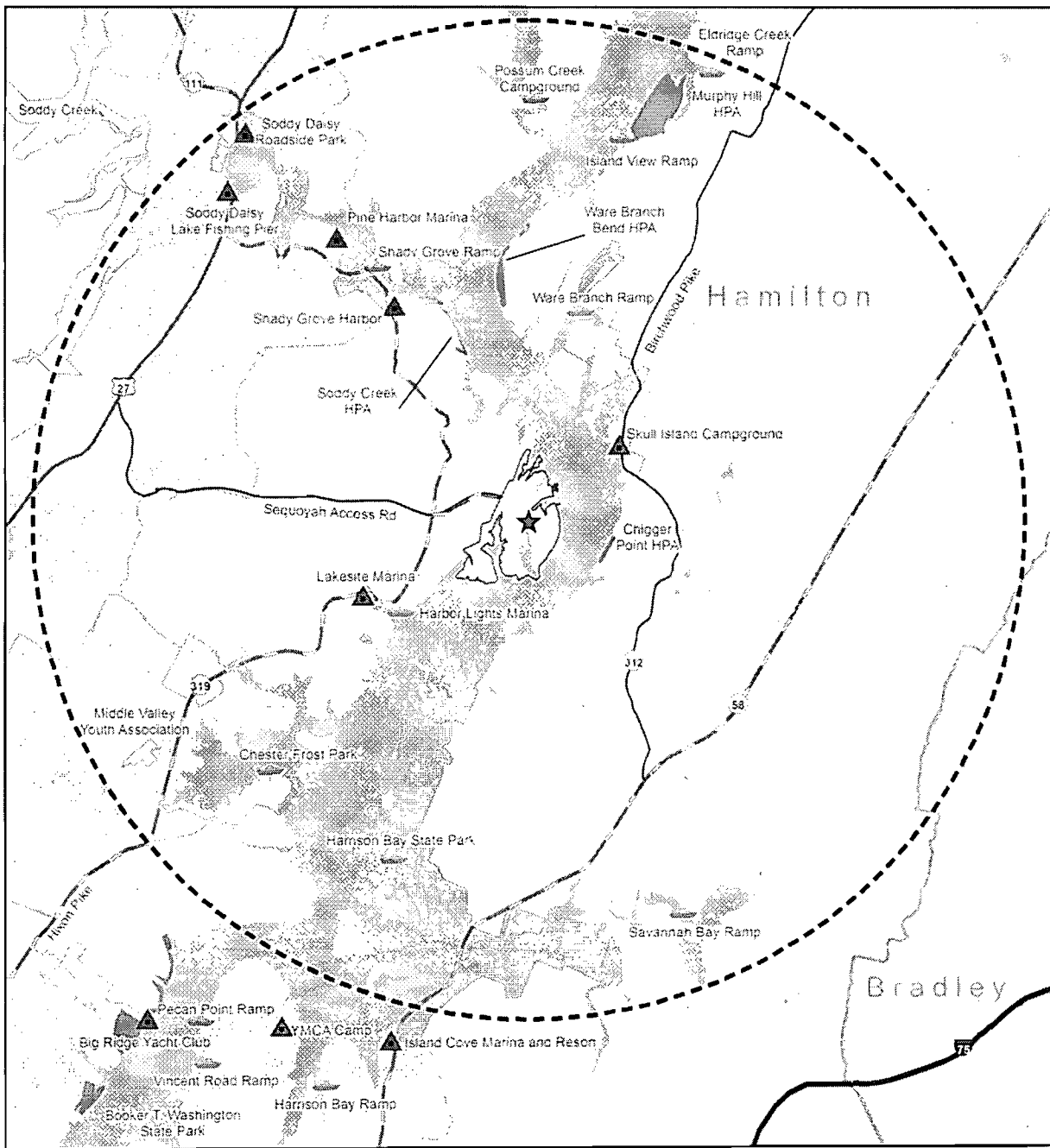
(USCB 2010c; USDOT 2008; USGS 2010a)

Legend

- ★ Site Center
- ✈ Airport
- ⊖ 50-Mile Radius
- Interstate
- ⊛ Surface Water
- U.S. Route
- ▨ Cities & Towns
- ⋯ Railway
- County
- State



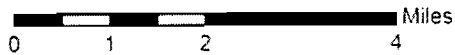
AREA MAP – 6-MILE RADIUS



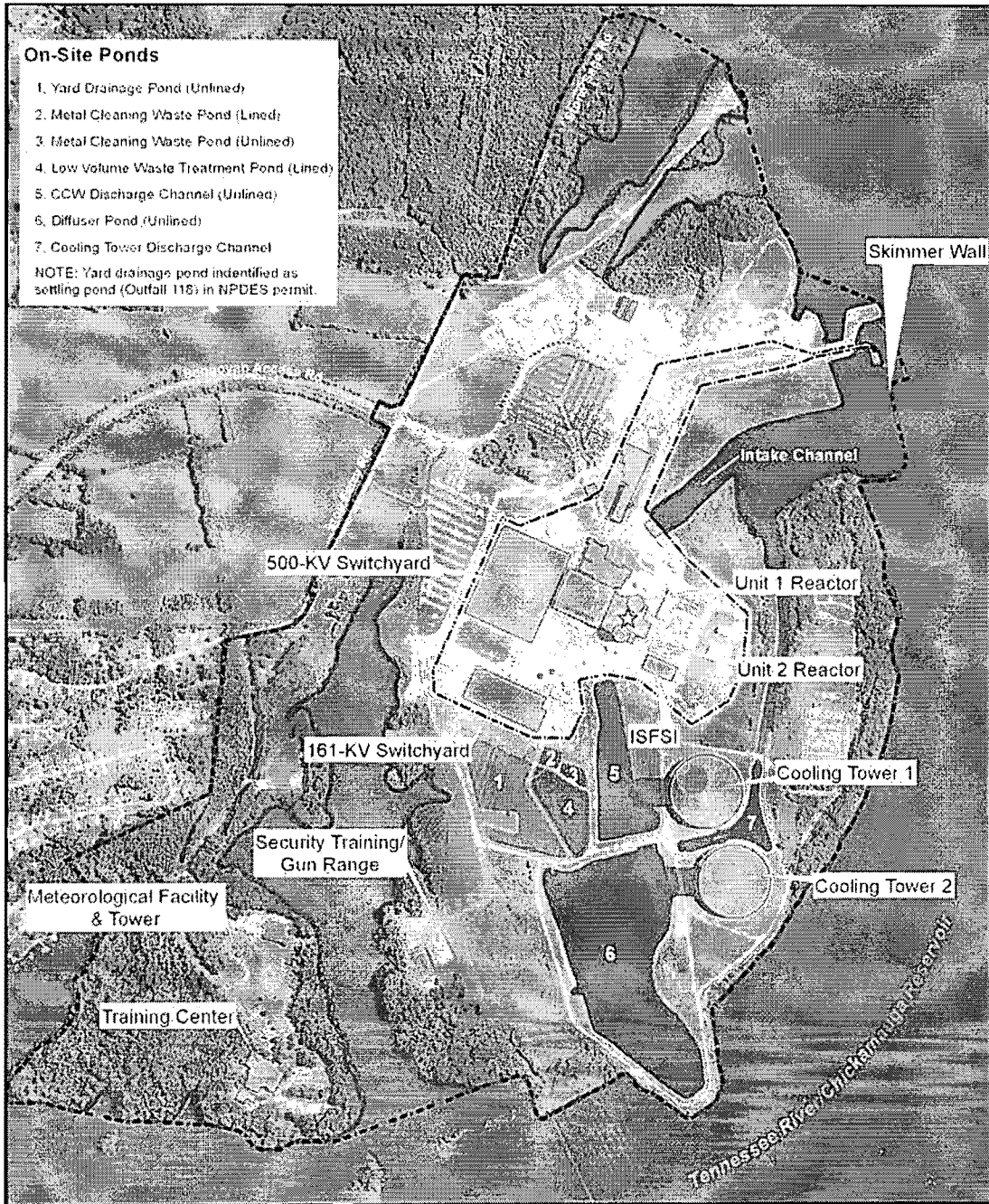
(ESRI 2005, TVA 2011b, USCB 2008, USDOT 2008, USGS 2010a)

Legend

- ★ Site Center
- ▲ Recreation Entrance
- ⚓ Boat Ramp
- ⬡ 6-Mile Radius
- ▭ Cities and Towns
- ▭ Site
- ▭ Local
- ▭ State
- ▭ Federal



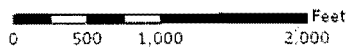
SQN SITE BOUNDARY



(USDA 2008)

Legend

- ☆ Site Center
- - - Protected Area
- Site Features
- Site
- - - Exclusion Area Boundary (EAB)



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cc w/encls: Listserv

DISTRIBUTION: See next page

ADAMS Accession Nos: ML13058A225 (PKG), ML13058A180 (LTR), ML13058A212 (ENC.)

*concurring via email

OFFICE	LA:DLR:RPB2*	PM:DLR:RPB2	RERB Technical Staff Member	BC:DLR:RERB
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DATE	3/5/13	3/7/13	3/11/13	3/14/13

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