



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402-2801

May 27, 2004

10 CFR 54
10 CFR 51

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555-0001

Gentlemen:

In the Matter of)	Docket Nos.	50-259
Tennessee Valley Authority)		50-260
			50-296

BROWNS FERRY NUCLEAR PLANT (BFN) - UNITS 1, 2, AND 3 – MARCH 30-31, 2004 MEETING FOLLOW-UP – ADDITIONAL INFORMATION FOR LICENSE RENEWAL ENVIRONMENTAL REVIEW

By letter dated December 31, 2003, TVA submitted an application to renew the operating licenses for BFN Units 1, 2, and 3. On March 30-31, 2004, several NRC Headquarters Staff members from the License Renewal Environmental Impact section and Pacific Northwest National Laboratory contractors met with TVA at BFN and toured the site and adjacent environs. The purpose of the visit was to gain familiarity with BFN and its surroundings and to obtain information necessary for completing a Supplement to the Generic Environmental Impact Statement for License Renewal, specifically for BFN. During the meeting, TVA personnel answered questions on a wide range of environmental topics, as requested. To assist the Staff in its review of the Environmental Report contained in the BFN application, the enclosed CD-ROMs provide additional information on these and other matters that were addressed during the meeting.

Four CD-ROMs are included in this submittal. Due to the large number of files associated with the various documents, TVA has included the listing of files and file size for each CD-ROM in an Enclosure. The CD-ROMs are labeled "BFN License Renewal Environmental Review Additional Information, Publicly Available." TVA is submitting this information in conformance with the guidance in Federal Register (FR) notification 68FR58826, Appendix A, United States Nuclear Regulatory Commission (NRC) Guidance for Electronic Submission to the Commission, dated October 10, 2003.

This letter contains no new commitments.

A105

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If you have any questions about this information, please contact Chuck Wilson, Project Manager for BFN License Renewal Environmental Review, at (423) 751-6153 or clwilson@tva.gov.

Sincerely,


Mark J. Burzynski
Manager
Nuclear Licensing

Enclosure

cc: State Health Officer
Alabama Department of Public Health
RSA Tower - Administration
Suite 1552
P.O. Box 303017
Montgomery, Alabama 36130-3017

U.S. Nuclear Regulatory Commission
Region II
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW, Suite 23T85
Atlanta, Georgia 30303-3415-8931

Mr. Stephen J. Cahill, Branch Chief
U.S. Nuclear Regulatory Commission
Region II
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW, Suite 23T85
Atlanta, Georgia 30303-8931

NRC Senior Resident Inspector
Browns Ferry Nuclear Plant
10833 Shaw Road
Athens, Alabama 35611-6970

NRC Unit 1 Restart Senior Resident Inspector
Browns Ferry Nuclear Plant
10833 Shaw Road
Athens, Alabama 35611-6970

cc: Continued on page 3

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cc: Mr. Kahtan N. Jabbour, Senior Project Manager
U.S. Nuclear Regulatory Commission
MS 08G9
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852-2738

Ms. Eva A. Brown, Project Manager
U. S. Nuclear Regulatory Commission
MS 08G9
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852-2738

Mr. William F. Burton, Senior Project Manager
U.S. Nuclear Regulatory Commission
MS 011F1
Two White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852-2738

Jimi T. Yerokun, Technical Assistant
U.S. Nuclear Regulatory Commission
MS 011F1
Two White Flint, North
11545 Rockville Pike
Rockville, Maryland 20852-2738

Yaira K. Diaz-Sanabria, Project Manager
U.S. Nuclear Regulatory Commission
MS 011F1
Two White Flint, North
11545 Rockville Pike
Rockville, Maryland 20852-2738

ENCLOSURE

BROWNS FERRY NUCLEAR PLANT ADDITIONAL INFORMATION FOR LICENSE RENEWAL ENVIRONMENTAL REVIEW (ALL LISTED FILES PUBLICLY AVAILABLE)	
CATEGORY 1: TVA ANSWERS TO QUESTIONS FROM PNNL STAFF	
FILE NAME	FILE SIZE (kilobytes)
001_PNNL Questions on ER Alternatives Sect.pdf [Answers to PNNL questions on Alternatives (Wilson, 2004a)]	56
002_PNNL Quest-BFN Area Mun Pot Water Src.pdf [Answers to PNNL questions on potable Water sources (Wilson, 2004b)]	47
003_PNNL Quest-SocioEconomic and EvironJust.pdf [Answers to PNNL questions on Socioeconomics, including TVA's <i>in lieu of</i> tax payments for BFN (Eblen, 2004)]	176
004_PNNL Questions-Water Rights Summary.pdf [In answer to PNNL question, Water Rights Summary (Wilson, 2004c)]	92
005_PNNL Quest-BFN Intake Characteristics.pdf [Answers to PNNL questions regarding BFN Intake Characteristics (Wilson, 2004d)]	35
006_PNNL Questions-BFN Projects Employment.pdf [Answers to PNNL questions regarding BFN Projects Employment (Wilson, 2004e)]	42
CATEGORY 2: TVA LETTER CORRESPONDENCE REQUESTED BY PNNL STAFF	
FILE NAME	FILE SIZE (kilobytes)
007_01JAN97Corresp. from ADEM to JBrellenthin.pdf [Copy of January 14, 1997 letter from Alabama Department of Environmental Management (ADEM) regarding Title V of the Clean Air Act amendments of 1990 permitting requirements to John Brellenthin for BFN as a minor source (ADEM, 1997)]	64
008_21MAY96Corresp. from ADEM to JBrellenthin.pdf [Copy of May 21, 1996 letter from ADEM to John Brellenthin of TVA-BFN regarding minor source status (ADEM, 1996)]	39
009_29APR96Corresp. from JBrellenthin to ADEM.pdf [Copy of April 29, 1996 letter from John Brellenthin of TVA-BFN to ADEM for request for minor source designation, with enclosure (Brellenthin, 1996)]	115
010_12MAR04 Corresp. from C.Cooper to ADEM.pdf [Copy of March 12, 2004 letter from Carroll Cooper of TVA-BFN to ADEM regarding 2003 non-radiological emissions (Cooper, 2004)]	43
011_13MAR03 Corresp. from C.Cooper to ADEM.pdf [Copy of March 13, 2003 letter from Carroll Cooper of TVA-BFN to ADEM regarding 2002 non-radiological emissions (Cooper, 2003)]	43
012_06MAR02 Corresp. from C.Cooper to ADEM.pdf [Copy of March 6, 2002 letter from Carroll Cooper of TVA-BFN to ADEM regarding 2001 non-radiological emissions (Cooper, 2002)]	41
013_12MAR01Corresp. from JBrellenthin to ADEM.pdf [Copy of March 12, 2001 letter from John Brellenthin of TVA-BFN to ADEM regarding 2000 non-radiological emissions (Brellenthin, 2001)]	41

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LIST OF FILES ON CD-ROM (TO BE CONTINUED)	
CATEGORY 2: TVA LETTER CORRESPONDENCE REQUESTED BY PNNL STAFF (CONTINUED)	
FILE NAME	FILE SIZE (kilobytes)
014_24MAR00Corresp. from JBrellenthin to ADEM.pdf [Copy of March 24, 2000 letter from John Brellenthin of TVA-BFN to ADEM regarding 1999 non-radiological emissions (Brellenthin, 2000)]	40
015_03FEB99Corresp. from JBrellenthin to ADEM.pdf [Copy of February 3, 1999 letter from John Brellenthin of TVA-BFN to ADEM regarding 1998 non-radiological emissions (Brellenthin, 1999)]	40
CATEGORY 3: TVA DOCUMENTS AND DATA REQUESTED BY PNNL STAFF AT MARCH 30 & 31, 2004 MEETING	
FILE NAME	FILE SIZE (kilobytes)
016_Hourly BFN Onsite Meteorol. Data for 2002.pdf [Electronic data file, 2002 hourly BFN on-site meteorological data (Nielsen, 2004)]	795
017_BFN Occupat Dose Summary 2001-2003.pdf [Excel file, BFN Occupational Radiation Dose Summary 2001-2003 (Simpkins, 2004)]	34
018_Radwst Gen FY Vol '98-'03_Goals '04-'08.pdf [Single-page hard-copy table, BFN (Solid) Radwaste Generation Fiscal Year Volume for 1998-2003 and goals for 2004-2008 (Pierce, 2004)]	43
019_Outline-SEIS Sect for AnalyOccupRadDose.pdf [Three-page hard-copy outling of BFN SEIS Section 4.3.21.1.1 analysis of Occupational Radiation Dose (Simpkins, 2002)]	91
020_BFN 2002 Ann. Radiol. Environ Operat. Rpt.pdf [Hard-copy document, BFN 2002 Annual Radiological Environmental Operating Report (Raines, 2003)]	2,304
021_Guide for Environ BMP_TVA Trans C&M Act.pdf [Hard-copy document, "A Guide for Environmental Protection and Best Management Practices for TVA Transmission Construction and Maintenance Activities" (TVA-TPS, 1999)]	295
022_Existing Policies on Invasives Species.pdf [Three-page hard-copy outline, "Existing Policies Involving Invasive Species" (Collins, 2004)]	102
023_BFN Circulating Cooling Water Flows SpSh.pdf [Spreadsheet - BFN Circulating Cooling Water Flows (Hopping 2004a)]	36
024_BFN Heat Rejection Spreadsheet.pdf [Spreadsheet - BFN Heat Rejection (Hopping, 2004b)]	49
025_BFN Well Map.pdf [BFN Well Map (Hjulian, 2004a)]	54
026_BFN Groundwater Well Level Data.pdf [Spreadsheet - BFN Groundwater Well Level Data (Julian, 2004b)]	65
027_BFN Well Physical Description.pdf [Spreadsheet - BFN Well Physical Description (Julian, 2004c)]	47
028_Wheeler Reserv. Annual Level Fluctuation.pdf [Graph - Wheeler Reservoir Annual Level Fluctuation (Julian, 2004d)]	20

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CATEGORY 3: TVA DOCUMENTS AND DATA REQUESTED BY PNNL STAFF AT MARCH 30 & 31, 2004 MEETING (CONTINUED)	
FILE NAME	FILE SIZE (kilobytes)
029_Supplmnt to ADEM,2001ref to Tbls E2-14&15.pdf [Data supporting Tables E.2-14 and E.2-15 to supplement incomplete ADEM, 2001 reference (Bohac, 2004)]	655
CATEGORY 4: TVA PRESENTATIONS AT MARCH 30 & 31, 2004 MEETING	
FILE NAME	FILE SIZE (kilobytes)
030_PPT Presentation on Wetland Reviews.pdf [Power Point presentation on Wetland Reviews (Pilarski, 2004)]	2,983
031_BFN Industrial Safety Info. Presentation.pdf [BFN Industrial Safety Information presentation (Isaacs, 2004)]	1,220
CATEGORY 5: REFERENCE IN TVA'S ENVIRONMENTAL REPORT FOR BFN LICENSE RENEWAL	
FILE NAME	FILE SIZE (kilobytes)
032_Ahlstedt, S.A. and T.A. McDonough, 1993.pdf Quantitative evaluation of commercial mussel populations in the Tennessee River portion of Wheeler Reservoir, Alabama. Pages 38-49 in K. S. Cummings, A. C. Buchanan and L.M. Koch (editors). Conservation and management of freshwater mussels. Proceedings of a UMRCC symposium, 12-14 October 1992, St. Louis, Missouri. Upper Mississippi River Conservation Committee, Rock Island, Illinois.	16,938
033_Alabama Dept of Environmental Mgmt, 2001.pdf Personal Communication with Enid Bittner, Alabama Department of Environment and Conservation, Public Groundwater Supplies Within a 2-Mile Radius of Browns Ferry Nuclear Plant	260
034_Alabama Dept of Environmental Mgmt, 2002.pdfb ADEM final listing decision for Wheeler Reservoir on the Tennessee River waterbody identification number AL/Wheeler_Res01 pH temperature/thermal modification.	166
035_Baker, T., 2001.pdf Personal communication	350
036_Barnthouse, L.W., 2003.pdf Review of comments by Pisces, Ltd. On EPA's 316(b) case study analysis review of modifications to the case study methodology documented in EPA's notice of data availability. Prepared for the Electric Power Research Institute	10,578
037_Baxter, D.S. and J.P. Buchanan, 1998.pdf Browns Ferry Nuclear Plant Thermal Variance Monitoring Program including Statistical Analyses - Final Report. Tennessee Valley Authority, Water Management, Aquatic Biology Lab, Norris, Tennessee. Revised August 1998. 64pp.	914
038_Baxter, D.S. and K.D. Gardner, 2003.pdf Biological Monitoring of the Tennessee River Near Browns Ferry Nuclear Plant Discharge, 2002. Tennessee Valley Authority, Resource Stewardship, Aquatic Biology Laboratory, Norris Tennessee. 21p.	284
039_Bechtel, 1991.pdf Evaluation of Cooling tower Alternatives, Browns Ferry Nuclear Plant", Bechtel Corporation, Report No. ER-0034, November 1991	13,788

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CATEGORY 5: REFERENCE IN TVA'S ENVIRONMENTAL REPORT FOR BFN LICENSE RENEWAL (CONTINUED)	
FILE NAME	FILE SIZE (kilobytes)
040_Bender, M.D., 1990.pdf "BETTER: A Two-Dimensional Reservoir Water Quality Model – Technical Reference Manual and User's Guide," Tennessee Valley Authority, Report No. WR28-2-590-152, October 1990	5,656
041_Boggs, J.M., 1982.pdf "Browns Ferry Nuclear Plant Low-Level Radwaste Storage Facility Groundwater Pathway Analysis," Tennessee Valley Authority, Report No. WR28-1-67-116, October 1982.	1,261
042_Buchanan, J.P., 1990.pdf Thermal variance monitoring for Browns Ferry Nuclear Plant, Wheeler Reservoir, 1987-1989. Tennessee Valley Authority, Water Resources, Aquatic Biology Department, Chattanooga, Tennessee. 20pp.	2,121
043_Cada, G.F., 1990.pdf A review of studies relating to the effects of propeller-type turbine passage on fish early life stages. North American Journal of Fisheries Management 10: 418-426.	6,064
044_Carlson, R.E., 1977.pdf A Trophic State Index of Lakes. Limnology and Oceanography, 22:361-369.	6,509
045_Colaw, L.W. and B.B. Carroll, 1982.pdf Mallard-Fox Mussel Survey Report. Unpublished Report, Tennessee Valley Authority, Fisheries and Ecology Branch, Division of Water Resources, Knoxville, Tennessee. 4p.	1,724
046_Cowardin, L.M., et al, 1979.pdf (Part 1 of 3) Classification of Wetland and Deepwater habitats of the United States. Washington, D.C.: U.S. Fish and Wildlife Publication FWS/OBS-79/31.	34,708
047_Cowardin, L.M., et al, 1979.pdf (Part 2 of 3) Classification of Wetland and Deepwater habitats of the United States. Washington, D.C.: U.S. Fish and Wildlife Publication FWS/OBS-79/31.	36,386
048_Cowardin, L.M., et al, 1979.pdf (Part 3 of 3) Classification of Wetland and Deepwater habitats of the United States. Washington, D.C.: U.S. Fish and Wildlife Publication FWS/OBS-79/31.	37,322
049_Dey, W.P., 2003.pdf Use of equivalent loss models under Section 316(b) of the Clean Water Act. Pages 247-263 in D. A. Dixon, J. A. Veil, and J. Wisniewski (Editors). Defining and assessing adverse environmental impact from power plant impingement and entrainment of aquatic organisms. A. A. Balkema Publishers, Lisse, The Netherlands. 291 pp.	8,283
050_Dycus, D.L. and T.F. Baker, 2000.pdf (Part 1 of 3) Aquatic Ecological Health Determinations for TVA Reservoirs –1999. Tennessee Valley Authority, Water Management, Chattanooga, Tennessee.	44,390
051_Dycus, D.L. and T.F. Baker, 2000.pdf (Part 2 of 3) Aquatic Ecological Health Determinations for TVA Reservoirs –1999. Tennessee Valley Authority, Water Management, Chattanooga, Tennessee.	45,135
052_Dycus, D.L. and T.F. Baker, 2000.pdf (Part 3 of 3) Aquatic Ecological Health Determinations for TVA Reservoirs –1999. Tennessee Valley Authority, Water Management, Chattanooga, Tennessee.	49,911
053_Dycus, D.L. and T.F. Baker, 2001.pdf (Part 1 of 3) Aquatic Ecological Health Determinations for TVA Reservoirs - 2000. Tennessee Valley Authority, Water Management, Chattanooga.	49,088

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CATEGORY 5: REFERENCE IN TVA'S ENVIRONMENTAL REPORT FOR BFN LICENSE RENEWAL (CONTINUED)	
FILE NAME	FILE SIZE (kilobytes)
054_Dycus, D.L. and T.F. Baker, 2001.pdf (Part 2 of 3) Aquatic Ecological Health Determinations for TVA Reservoirs - 2000. Tennessee Valley Authority, Water Management, Chattanooga.	47,683
055_Dycus, D.L. and T.F. Baker, 2001.pdf (Part 3 of 3) Aquatic Ecological Health Determinations for TVA Reservoirs - 2000. Tennessee Valley Authority, Water Management, Chattanooga.	48,949
056_Environmental Laboratory, 1987.pdf Corps of Engineers Wetland Delineation Manual, Technical Report Y-87-1. U.S. Army Corps of Engineers Waterways Experiment Station, Vicksburg, Mississippi.	1,383
057_EPRI, 1983.pdf Legionnaires' Disease Bacterium in Power Plant Cooling Systems: Phase I Final Report. June 1983.	3,665
058_Floyd, K.B., 2003.pdf Personal Communications, e-mail July 29.	496
059_Flynn, K., 1991.pdf Understanding Wetlands and Endangered Species: Definitions and Relationships. Alabama Cooperative Extension System, Circular ANR-979, Auburn University, Alabama.	338
060_Garner, J.T., 1998.pdf (Part 1 of 2) State Malacologist, Alabama Division of Wildlife and Freshwater Fisheries, Decatur, Alabama. Personal communication.	35,900
061_Garner, J.T., 1998.pdf (Part 2 of 2) State Malacologist, Alabama Division of Wildlife and Freshwater Fisheries, Decatur, Alabama. Personal communication.	36,813
062_Garner, J.T., 2001.pdf State Malacologist, Alabama Division of Wildlife and Freshwater Fisheries, Decatur, Alabama. Personal communication.	28
063_Garner, J.T., 2002.pdf State Malacologist, Alabama Division of Wildlife and Freshwater Fisheries, Decatur, Alabama. Personal communication.	1,403
064_Garner, J.T., 2003.pdf State Malacologist, Alabama Division of Wildlife and Freshwater Fisheries, Decatur, Alabama. Personal communication.	933
065_Gooch, C.H., et.al., 1979.pdf Recent Mollusk Investigations on the Tennessee River, 1978 Unpublished Report, Tennessee Valley Authority, Division of Environmental Planning, Muscle Shoals, Alabama, and Chattanooga, Tennessee. 126 p	40,289
066_Harper, W.L., 2003.pdf Near-Field Modeling of Thermal Discharge from Browns Ferry Nuclear Plant, email of model results to John M. Higgins, Tennessee Valley Authority, Reservoir System Operations and Environment, River Operations, December 2003.	142
067_Heffner, J.M., et.al., 1994.pdf (Part 1 of 2) Southeast Wetlands: Status and Trends, Mid-1970's to 1980's. U.S. Department of the Interior, Fish and Wildlife Service, Atlanta, Georgia.	28,530
068_Heffner, J.M., et.al., 1994.pdf (Part 2 of 2) Southeast Wetlands: Status and Trends, Mid-1970's to 1980's. U.S. Department of the Interior, Fish and Wildlife Service, Atlanta, Georgia.	38,018

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CATEGORY 5: REFERENCE IN TVA'S ENVIRONMENTAL REPORT FOR BFN LICENSE RENEWAL (CONTINUED)	
FILE NAME	FILE SIZE (kilobytes)
069_Henson, J.R. and R.J. Pryor, 1982.pdf Browns Ferry Nuclear Plant - Proposed Barge Facility. Unpublished Report, Tennessee Valley Authority, Fisheries and Ecology Branch, Division of Water Resources, Knoxville, Tennessee. 4 p.	215
070_Hickman, G.D., 2000.pdf Sport Fish Index (SFI), A method to quantify sport fishing quality. Environmental Science & Policy 3 (2000) S1117-S125.	56
071_Hickman, G.D., et.al., 1990.pdf Density, movement patterns, and spawning characteristics of sauger (<i>Stizostedion canadense</i>) in Chickamauga Reservoir. Tennessee Valley Authority, Water Resources, Chattanooga, TN. 53pp.	10,007
072_Higgins, J.M. and B.R. Kim, 1981.pdf "Phosphorus Retention Models for Tennessee Valley Authority Reservoirs." Water Resources Research, Vol. 17, No. 3, pp. 571-576.	911
073_Hutson, S.S., et.al., 2003.pdf "Estimated Use of Water in the Tennessee River Watershed in 2000 and Projections of Water Use in 2030," U. S. Geological Survey, Water-Resources Investigation Report, Memphis, Tennessee, 2003.	3,497
074_Julian, H.E., et al, 1993.pdf NFERC Regional Groundwater Investigation, TVA Engineering Laboratory, Report No. WR28-1-520-191, Norris, Tennessee, April 1993.	8,616
075_Koch, L.M., 1999.pdf US Fish and Wildlife Service, Abingdon, Virginia (in Larry E. Goldman, Field Supervisor, US Fish and Wildlife Service, Daphne, Alabama, personal communication.	27
076_Limestone Co. Comp Plan, 1985.pdf	8,488
077_Lowery, D.R. and W.L. Poppe, 1992.pdf Thermal Variance Monitoring for Browns Ferry Nuclear Plant, Wheeler Reservoir, 1990-1991.	24,097
078_Maceina, M.J., 1998.pdf Analyses of the sauger fishery with simulated effects of a minimum size limit in the Tennessee Rive of Alabama. North American Journal of Fisheries Management 18:104-113.	6,598
079_Massachusetts Instit. of Technology, 1973.pdf The Mechanics of Submerged multiport Diffusers for Buoyant Discharges in Shallow Water. Gerhard Jirka and Donald R. F. Harleman. Report No. 169, March 1973.	8,799
080_Nalepa, T.F. and D. Schloesser, 1993.pdf Zebra Mussels: biology, impacts, and control. Lewis Publishers. pp. 217-225	3,454
081_National Energy Policy, 2001.pdf Report of the National Energy Policy Development Group to the President of the United States. ISBN 0-16-050814-2. May 16, 2001.	3,121
082_Nichols, N., 2002.pdf Personal communications, e-mails May 16 & 29.	2,234
083_Parmalee, P.W. and Arthur Bogan, 1998.pdf The Freshwater Mussels of Tennessee. The University of Tennessee Press / Knoxville, 1998. pp. 124 and 190.	4,705
084_SERC, 2003.pdf Regional Electricity Supply & Demand Projections (Energy Information Agency [EIA]-411). Annual Report of EIA-411 submittals (eventually provided to the U.S. Department of Energy). July 31, 2003.	617

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LIST OF ATTACHED DOCUMENTS (CONTINUED)	
CATEGORY 5: REFERENCE IN TVA'S ENVIRONMENTAL REPORT FOR BFN LICENSE RENEWAL (CONTINUED)	
FILE NAME	FILE SIZE (kilobytes)
085_Shiao, M.C., et.al., 1993.pdf "Two-Dimensional Water Quality Modeling of Wheeler Reservoir," Report No. WR28-1-3-105, Tennessee Valley Authority, Resource Group, Engineering Services, Hydraulic Engineering, June 1993.	3,141
086_Sinclair, R.M. and B.G. Isom, 1961.pdf A preliminary report on the introduced Asiatic Clam Corbicula in Tennessee. Tennessee Stream Pollution Control Board, Tennessee Department of Public Health. v + 79 pp.	1,330
087_Stolzenbach, K.D., 1975.pdf "Estimation Of Water Temperature Increases In Wheeler Reservoir Caused By The Discharge Of Heated Water From Browns Ferry Nuclear Plant During Open Cycle Operation", Report by consulting engineer Keith Stolzenbach, February 1975.	238
088_TVA Vital Signs Vol. 1, 1993.pdf	8,430
089_TVA Vital Signs Vol. 2, 1993.pdf	6,698
090_TVA, 1972a.pdf Environmental Statement BFN Units 1, 2, and 3	14,576
091_TVA, 1972b.pdf Final Safety Analysis Report, 1972	981
092_TVA, 1972c.pdf "Prediction and Control Of Water Temperatures In Wheeler Reservoir During Operation Of The Browns Ferry Nuclear Plant", Tennessee Valley Authority Division of Water Control Planning, Engineering Laboratory, Browns Ferry Nuclear Plant Advance Report No. 14, May 1972.	2,456
093_TVA, 1977a.pdf "Two Techniques For Flow Routing With Applications To Wheeler Reservoir", Tennessee Valley Authority Division of Water Management, Water Systems Development Branch, Engineering Laboratory, Report No. 3-519, July 1977.	863
094_TVA, 1977b.pdf Water Quality and Biological Conditions in Wheeler Reservoir During Operation of Browns Ferry Nuclear Plant, January 1, 1976-December 31, 1976. Chattanooga, Tennessee: Division of Environmental Planning, Water Quality Branch.	106,003
095_TVA, 1978a.pdf (Part 1 of 2) Browns Ferry Nuclear Plant Preoperational Fisheries Resources Report. Division of Forestry, Fisheries, and Wildlife Development, Norris, Tennessee.	30,349
096_TVA, 1978a.pdf (Part 2 of 2) Browns Ferry Nuclear Plant Preoperational Fisheries Resources Report. Division of Forestry, Fisheries, and Wildlife Development, Norris, Tennessee.	21,426
097_TVA, 1978b.pdf (Part 1 of 2) Biological Effects of Intake-Browns Ferry Nuclear Plant. Volume 4: Effects of the Browns Ferry Nuclear Plant Cooling Water Intake on the Fish Populations of Wheeler Reservoir. Division of Forestry, Fisheries, and Wildlife Development, Norris, Tennessee.	36,266
098_TVA, 1978b.pdf (Part 2 of 2) Biological Effects of Intake-Browns Ferry Nuclear Plant. Volume 4: Effects of the Browns Ferry Nuclear Plant Cooling Water Intake on the Fish Populations of Wheeler Reservoir. Division of Forestry, Fisheries, and Wildlife Development, Norris, Tennessee.	21,937

ENCLOSURE

CATEGORY 5: REFERENCE IN TVA'S ENVIRONMENTAL REPORT FOR BFN LICENSE RENEWAL (CONTINUED)	
FILE NAME	FILE SIZE (kilobytes)
099_TVA, 1980a.pdf "Evaluation Of Predicted And Observed Effects For A 90°F Mixed Temperature Limit, Browns Ferry Nuclear Plant", Tennessee Valley Authority, March 1980	5,006
100_TVA, 1980b.pdf Fish Entrainment and Impingement at Browns Ferry Nuclear Plant, Wheeler Reservoir, Alabama, for the Years 1978 and 1979. Division of Water Resources, Fisheries and Aquatic Ecology Branch. Norris, Tennessee.	15,958
101_TVA, 1983.pdf "A Supplemental 316(a) Demonstration for Alternative Thermal Discharge Limits for Browns Ferry Nuclear Plant, Wheeler Reservoir, Alabama."	7,651
102_TVA, 1986.pdf "Analysis Of Browns Ferry Nuclear Operation With Four And Six Cooling Towers", Tennessee Valley Authority, Office Of Natural Resources And Economic Development, Division Of Air And Water Resources, Engineering Laboratory, Report No. WR28-2-67-122, June 1986.	241
103_TVA, 1990.pdf (Part 1 of 7) "Tennessee River and Reservoir System Operation and Planning Review", Tennessee Valley Authority, Report No. TVA/RDG/EQS-91/1, December 1990	29,883
104_TVA, 1990.pdf (Part 2 of 7) "Tennessee River and Reservoir System Operation and Planning Review", Tennessee Valley Authority, Report No. TVA/RDG/EQS-91/1, December 1990	45,392
105_TVA, 1990.pdf (Part 3 of 7) "Tennessee River and Reservoir System Operation and Planning Review", Tennessee Valley Authority, Report No. TVA/RDG/EQS-91/1, December 1990	48,333
106_TVA, 1990.pdf (Part 4 of 7) "Tennessee River and Reservoir System Operation and Planning Review", Tennessee Valley Authority, Report No. TVA/RDG/EQS-91/1, December 1990	25,170
107_TVA, 1990.pdf (Part 5 of 7) "Tennessee River and Reservoir System Operation and Planning Review", Tennessee Valley Authority, Report No. TVA/RDG/EQS-91/1, December 1990	46,335
108_TVA, 1990.pdf (Part 6 of 7) "Tennessee River and Reservoir System Operation and Planning Review", Tennessee Valley Authority, Report No. TVA/RDG/EQS-91/1, December 1990	27,543
109_TVA, 1990.pdf (Part 7 of 7) "Tennessee River and Reservoir System Operation and Planning Review", Tennessee Valley Authority, Report No. TVA/RDG/EQS-91/1, December 1990	36,259
110_TVA, 1993.pdf "Two-Dimensional Water Quality Modeling of Wheeler Reservoir." Report No. WR28-1-3-105.	3,014
111_TVA, 1995.pdf (Part 1 of 3) Aquatic Ecological Health Determinations for TVA Reservoirs -1994. Tennessee Valley Authority, Water Management, Chattanooga.	44,716
112_TVA, 1995.pdf (Part 2 of 3) Aquatic Ecological Health Determinations for TVA Reservoirs -1994. Tennessee Valley Authority, Water Management, Chattanooga.	40,003

ENCLOSURE

LIST OF FILES ON CD-ROM FOR BFN LICENSE RENEWAL (CONTINUED)	
CATEGORY 5: REFERENCE IN TVA'S ENVIRONMENTAL REPORT FOR BFN LICENSE RENEWAL (CONTINUED)	
FILE NAME	FILE SIZE (kilobytes)
113_TVA, 1995.pdf (Part 3 of 3) Aquatic Ecological Health Determinations for TVA Reservoirs –1994. Tennessee Valley Authority, Water Management, Chattanooga.	
114_TVA, 1996.pdf (Part 1 of 3) Aquatic Ecological Health Determinations for TVA Reservoirs –1995. Tennessee Valley Authority, Water Management, Chattanooga.	45,963
115_TVA, 1996.pdf (Part 2 of 3) Aquatic Ecological Health Determinations for TVA Reservoirs –1995. Tennessee Valley Authority, Water Management, Chattanooga.	37,161
116_TVA, 1996.pdf (Part 3 of 3) Aquatic Ecological Health Determinations for TVA Reservoirs –1995. Tennessee Valley Authority, Water Management, Chattanooga.	24,852
117_TVA, 1998.pdf Aquatic Ecological Health Determinations for TVA Reservoirs –1997. Tennessee Valley Authority, Water Management, Chattanooga.	5,165
118_TVA, 1999a.pdf Browns Ferry Nuclear Plant - National Pollutant Discharge Elimination System Permit Number AL 0022080 - Renewal Application.	10,081
119_TVA, 1999b.pdf (Part 1 of 2) "Browns Ferry Nuclear Plant (BFN) – Units 1, 2, and 3 – Updated Final Safety Analysis Report (UFSAR), Amendment 18." Tennessee Valley Authority, November 16, 1999.	35,450
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ENCLOSURE

LIST OF FILES ON CD-ROM FILE # (CONTINUED)	
CATEGORY 5: REFERENCE IN TVA'S ENVIRONMENTAL REPORT FOR BFN LICENSE RENEWAL (CONTINUED)	
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