

<b>REQUEST FOR RECORDS DISPOSITION AUTHORITY</b>		LEAVE BLANK (NARA use only)	
TO NATIONAL ARCHIVES and RECORDS ADMINISTRATION (NIR) WASHINGTON, DC 20408		JOB NUMBER <i>NI-142-09-4</i>	DATE RECEIVED <i>5/8/09</i>
1 FROM (Agency or establishment)  TENNESSEE VALLEY AUTHORITY		NOTIFICATION TO AGENCY	
2 MAJOR SUBDIVISION		In accordance with the provision of 44 U S C 3303a the disposition request, including amendments, is approved except for may items that be marked "disposition not approved" or "withdrawn" in column to	
3 MINOR SUBDIVISION			
4 NAME OF PERSON WITH WHOM TO CONFER  Gayla Choate	5 TELEPHONE  423-751-8488	DATE <i>8/25/09</i>	ARCHIVIST OF THE UNITED STATES <i>Adrienne Thomas</i>
6 AGENCY CERTIFICATION I hereby certify that I am authorized to act for this agency in matters pertaining to the disposition of its records and that the records proposed on the attached ( <u>pages</u> ) page(s) are not now needed for the business of this agency or will not be needed after the retention periods specified, and that written concurrence from the General Accounting Office, under the provisions of Title 8 of the GAO Manual for Guidance of Federal Agencies, <input checked="" type="checkbox"/> is not required, <input type="checkbox"/> is attached, or <input type="checkbox"/> has been requested			
DATE <i>4-15-09</i>	SIGNATURE OF AGENCY REPRESENTATIVE <i>Mary Regland</i>	TITLE Manager, Enterprise Document Management	
7 ITEM NO	8 DESCRIPTION OF ITEM AND PROPOSED DISPOSITION	9. GRS OR SUPERSEDED JOB CITATION	10 ACTION TAKEN (NARA USE ONLY)
1	MAXIMO/EAM (ENTERPRISE ASSET MANAGEMENT)  (ATTACHED)		

## **MAXIMO/EAM (ENTERPRISE ASSET MANAGEMENT)**

The Enterprise Asset Management System (EAM) is an integrated information system used to consolidate multiple work and asset management solutions across business units, including transmission, distribution, power generation, water/wastewater treatment, vehicle fleet, facilities, and IT assets onto a single platform. Maximo is the IBM software which runs this system.

TVA uses the software system as a tool to integrate multiple applications into a seamless system. EAM incorporates 72 existing applications currently being used throughout TVA. It includes EMPAC, PassPort, e-Cap, and others. It also interfaces with 27 existing applications such as eFMS, eWorkplace, HPSD, BSL and others from various business units in TVA. It stores data in one location and provides one log-on. It also has a simplified reporting mechanism to produce a variety of reports.

EAM supports work and asset management for transmission and distribution in water, gas and electric operations. It helps increase asset and resources effectiveness by providing a platform to support all types of asset classes and all types of work. Listed below is a detailed description of its functions:

- Manage crew type and crew makeup with enhanced crew management while tracking labor skills and certifications;
- Utilize Compatible Unit Estimating (CUE) within a multilevel unit library;
- Integrate with fixed-asset accounting, mobile workforce management, and design tools based on a Service Oriented Architecture,
- Integrate work and asset management functionality on a J2EE standards based platform including supply chain management, contact management, and SLA

Overall, the system promotes uniformity and standardization within TVA. Effective May, 2009, EAM will be implemented TVA wide.

EAM integrates the following applications:

### **Corrective Action Program.**

1. ECAP
2. ECAP ACTUATE REPORTS
3. PLANTVIEW EVENT REPORTING
4. CAR POWER SERVICE SHOP CORRECTIVE ACTION
5. FACTIONS (FOSSIL ACTION TRACKING SYSTEM)
6. LICENSE EVENT REPORTS) (LER)

### **Supply Chain Management**

1. ACCEPTABLE SUPPLIES LIST (ASL)
2. CATALOG SEARCH TOOL
3. EMAIL NOTIFICATION SYSTEM \*(ENS)
4. FRONT END TO PASSPOST
5. MATERIALS AD HOC TRACKING AND REPORTING (MATR)
6. MATERIALSEXPEDITING REPORT REQUEST-PASSPORT (MERR2)
7. PASSPORT SUPPLY CHAIN SYSTEM
8. PASSPORT DATA WAREHOUSE (PDW)
9. PASSPORT INVENTORY REPORTING – REPORTSMITH (PPRT)

- 10 SELI2 SUPPLIER ELECTRONIC LINE ITEM
- 11 CONSOLIDATED WORK-ORDER DATABASE (WODAT)
- 12 VERIFY FOR USE (VFU)

**Work Management.**

- 1 ASSET MAINTENANCE
- 2 BIDS/COST CENTER FORECASTING
- 3 BIDS/EMPAC SHORT CODE INQUIRY
- 4 BIDS/IVR
5. DCN PROCESSING AND TRACKING SYSTEM
6. DS&E DCN TRACKING
7. ENTERPRISE MANAGEMENT PLANNING and CONTROL (EMPAC)
- 8 EMPAC ADHOC REPORTING
- 9 EMPAC W/ADMIN TOOLS
10. FPG ASSET BULK LOAD
11. JOB ESTIMATING MGMT SYSTEM
- 12 MASTER JOB PLAN DATABASE
13. MPAC-UX
14. RELAY DATA MANAGEMENT
15. RO ASSET MAINTENANCE
16. TPS ASSET INVENTORY MGMT SYSTEM
17. TPS GRAPHICS
- 18 TPS TOM WORK ORDER PRINT
19. TVA TASK CONTRACT INFORMATION
- 20 ADE2
- 21 AVP
22. BIG EASY
- 23 CENTRAL LABS SHOP ORDER
24. CTITICAL COMPONENT
25. FEG
26. FEG TOOLS
27. FORCED OUTAGE RECOVERY TEAM
28. GSV
29. HEATER, FUSER, BREAKER
30. INSULATION TRACKING
- 31 KEY SAFETY RELATED COMPONENTS
- 32 MAINTENCE CONTROL MANAGEMENT SOFTWARE (MCMG)
33. NPG BREAKER PROGRAM
34. PLANT HOUSEKEEPING ISSUES LIST
35. PLANT PERFORMANCE
36. PM UPDATE
37. PM/WO FEEDBACK DATABASE
38. PMM 2000
39. PMT DATABASE
40. POST MODIFICATION TEST TRACKING
41. POWER SERVICE SHOP BUSINESS SYSTEM
- 42 PRE-JOB BRIEFING
43. PRE-LOAD PACKING DATABASE
44. RELIABILITY CENTERED MAINTENANCE SYSTEM
45. REPAIR SERVICE ORDERS

46. SCAFFOLDING DATABASE
47. SERVICE REQUEST DATABASE
48. SURVEILLANCE INSTRUCTION SCHEDULER (SI SCHEDULER)
49. SNUBBER DATABASE
50. STAGING DATABASE (WBN)
51. WALKDOWN DATABASE
52. SWAP
53. PM FORECASTER
54. PMSO/TMS WO's NPG

**DISPOSITION**

Delete no sooner than 7 years or retain longer if needed for administrative reference.