

Official copy

April 20, 1995

Tennessee Valley Authority
ATTN: Mr. Oliver D. Kingsley, Jr.
President, TVA Nuclear
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

SUBJECT: MEETING SUMMARY - WATTS BAR - TO DISCUSS VENDOR INFORMATION
CORRECTIVE ACTION PROGRAM AND THE PLANT MASTER TRACKING SYSTEM

Gentlemen:

This letter refers to the meeting conducted at your request at the NRC Region II office in Atlanta Georgia on April 19, 1995. The purposes of the meeting were to discuss the Watts Bar Master Tracking System and the Vendor Information Corrective Action Program (CAP). One portion of the planned CAP presentation was postponed and will be rescheduled.

It is our opinion that this meeting was beneficial and provided a better understanding of TVAs' activities associated with the Watts Bar facility.

In accordance with Section 2.790 of the NRCs' "Rules of Practice" Part 2, Title 10 Code of Federal Regulations, a copy of this letter and its enclosures will be placed in the Public Document Room.

Should you have any questions concerning this letter, please contact me.

Sincerely,

Original Signed By:
J. P. Jaudon

Johns P. Jaudon, Deputy Director
TVA Construction
Division of Reactor Projects

Docket Nos. 50-390, 50-391
License Nos. CPPR-91, CPPR-92

Enclosures: 1. List of Attendees
2. Presentation Summary

cc w/encls: (See page 2)

9505020137 950420
PDR ADOCK 05000390
P PDR

111
IE45

TVA

2

cc w/encls:

Dr. Mark O. Medford, Vice Pres.
Engineering & Technical Services
Tennessee Valley Authority
3B Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Mr. D. E. Nunn, Vice Pres.
New Plant Completion
Tennessee Valley Authority
3B Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Mr. J. A. Scalice, Site Vice Pres.
Watts Bar Nuclear Plant
Tennessee Valley Authority
P. O. Box 2000
Spring City, TN 37381

General Counsel
Tennessee Valley Authority
ET 11H
400 West Summit Hill Drive
Knoxville, TN 37902

Mr. P. P. Carrier, Manager
Corporate Licensing
4G Blue Ridge
1101 Market Street

Mr. B. S. Schofield
Site Licensing Manager
Watts Bar Nuclear Plant
Tennessee Valley Authority
P. O. Box 2000
Spring City, TN 37381

Ms. Beth Zilbert, Energy Campaigner
Greenpeace
20 13th Street, NE.
Atlanta, GA 30309

TVA Representative
Tennessee Valley Authority
11921 Rockville Pike
Suite 402
Rockville, MD 20852

The Honorable Robert Aikman
County Executive
Rhea County Courthouse
Dayton, TN 37381

The Honorable Garland Lanksford
County Executive
Meigs County Courthouse
Decatur, TN 37322

Mr. M. H. Mobley, Director
Division of Radiological Health
3rd Floor, L and C Annex
401 Church Street
Nashville, TN 37243-1532

Danielle Droitsch
Energy Project
The Foundation for Global
Sustainability
P. O. Box 1101
Knoxville, TN 37901

Mr. Bill Harris
Route 1, Box 26
Ten Mile, TN 37880

Distribution w/encls: (See page 3)

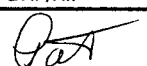


TVA

3

Distribution w/encls:

S. D. Ebnetter, ORA/RII
 E. W. Merschoff, DRP/RII
 A. F. Gibson, DRS/RII
 J. P. Stohr, DRSS/RII
 F. J. Hebdon, NRR
 A. P. Hodgdon, OGC
 B. K. Keeling, GPA/CA
 G. M. Tracy, OEDO
 P. S. Tam, NRR
 NRC Document Control Desk

U.S. Nuclear Regulatory Commission
 Watts Bar Nuclear Plant
 1260 Nuclear Plant Road
 Spring City, TN 37381

SEND TO PUBLIC DOCUMENT ROOM?						
YES NO						
OFFICE	DRP/RII	DRP/RII	DRP/RII			
SIGNATURE						
NAME	PTaylor:vyg	PFredrickson	CJulian			
DATE	04/20/95	04/21/95	04/20/95	04 / / 95	04 / / 95	04 / / 95
COPY?	(YES) NO	YES (NO)	(YES) NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY

DOCUMENT NAME: G:\SEC4B\MTG-SUM.A19

LIST OF ATTENDEES

<u>Name</u>	<u>Title</u>
<u>NRC Staff</u>	
S. Ebnetter*	Regional Administrator, Region II (RII)
J. Jaudon*#	Deputy Director, Division of Reactor Projects (DRP), RII
F. Hebdon*#	Director, Project Directorate II-4, Office of Nuclear Reactor Regulation
P. Fredrickson*#	Chief, TVA Construction Branch, DRP, RII
C. Julian*	Chief, TVA Startup Branch, DRP, RII
G. Walton*#	Senior Resident Inspector, Construction, DRP, RII
J. Brady*	Project Engineer, DRP, RII
K. Thomas#	Reactor Inspector, Division of Reactor Safety, RII

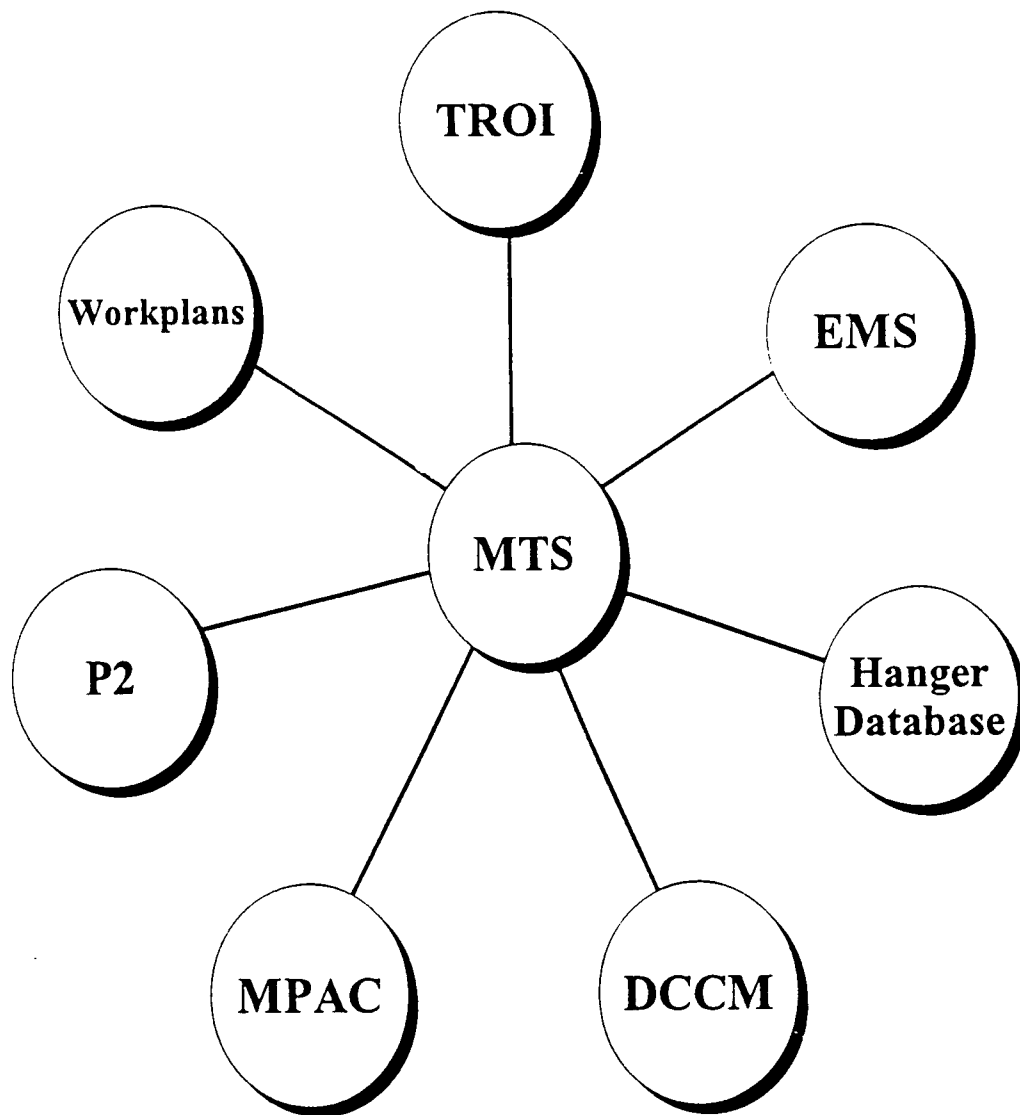
TVA Staff

O. Zeringue*	Senior Vice President, Nuclear Operations
R. Baron*#	Acting Manager, Site Nuclear Assurance and Licensing
D. Kehoe*#	Manager, Site Quality
P. Pace*#	Manager, Compliance Licensing
R. Purcell*	Plant Manager, Watts Bar
W. Elliott*#	Manager, Site Engineering
M. Skaggs*	Manager, Performance Analysis
J. Seeley*#	Manager, Vendor Information Program

* Attended the Master Tracking System presentation

Attended the Vendor Information CAP

WBN Unit 1 - Master Tracking System



MTS Backlog

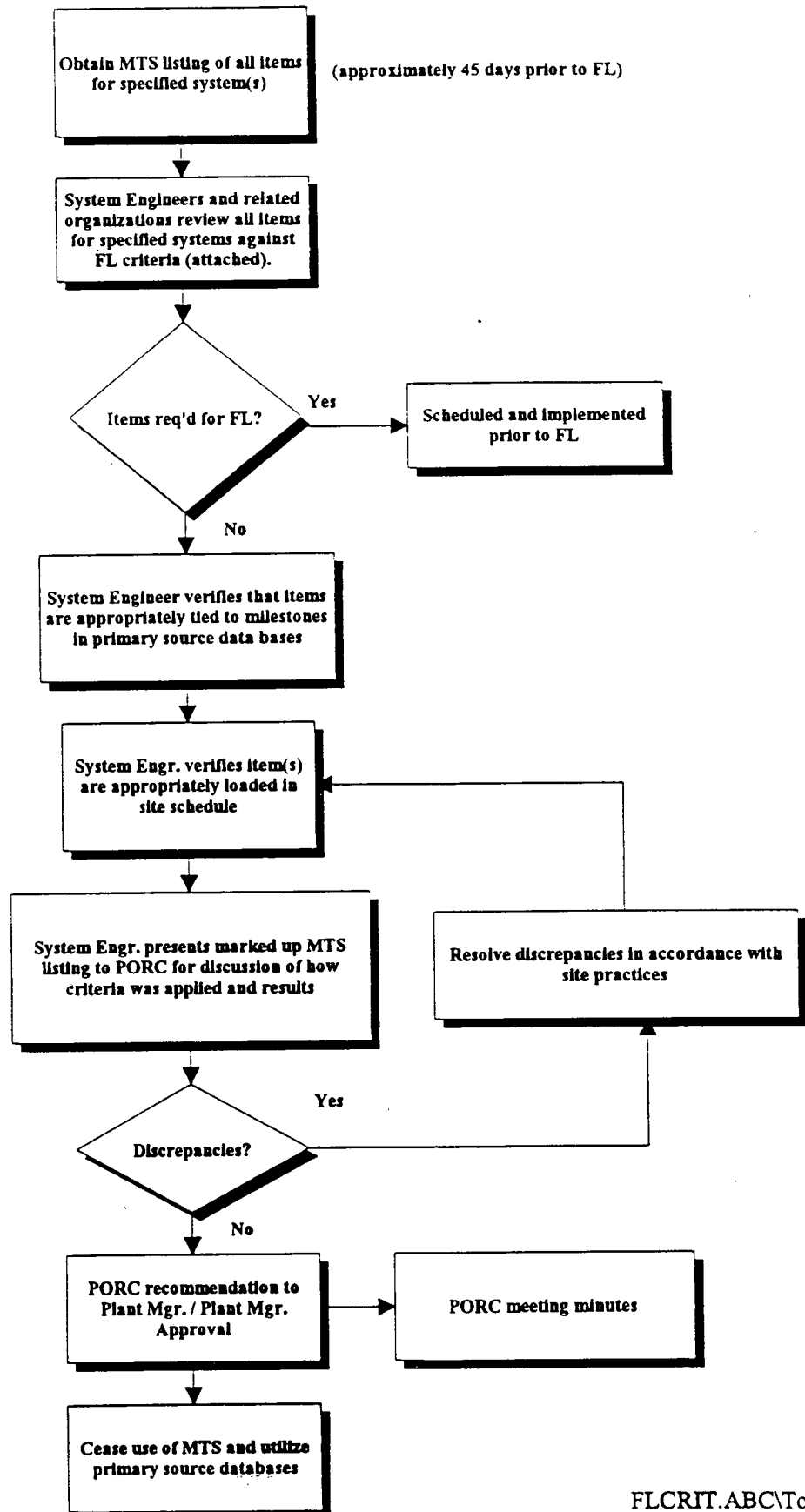
Category	Type	Tracking System - Fuel Load	Current Fuel Load Backlog *#
DCN	Base (A,C,K,M,O,P,W)	DCCM	550
	Support (F,S, Q, X & Drawing Deviations, Field Change Requests, Engineering Change Notices)	DCCM	1,734
	Design Change Implementation Packages (DCIPs)	N/A - new issues not required for FL will be processed in accordance with BP-312	877
Total			
Work Requests	Corrective Maintenance	MPAC	404
	Design Changes	MPAC	6
	Minor Maintenance	MPAC	355
	Inspection, Support, Other	MPAC	337
Total			
Work Orders	Corrective Maintenance	MPAC	1,394
	Design Changes	MPAC	397
	Minor Maintenance	MPAC	19
	Inspection, Support, Other	MPAC	2,594
Total			
Corrective Action Program Documents	SCAR, FIR, PER, II, CATD	TROI	775
Nuclear Experience Review (NER)	NER Items	TROI	116
MTS/TROI Items	RWL, TMODS, Test Deficiencies, Audit Reports, Inspection Reports	TROI (as applicable)	1,501
Workplans	Same	N/A	756
NRC Open Items	URIs, Violations, IFI, Commitments, IEB, etc.	TROI	452

* - as of April 17, 1995

- 1,851 closures not delineated

Fuel Load Open Item Review Process - WBN Unit 1

The following flow chart is intended to be included in the WBN Unit 1 Fuel Load Certification Plan.



CRITERIA FOR CODING MTS ITEMS TO APPROPRIATE MILESTONES

Milestone 55 (Fuel Load) - The following criteria shall be used in evaluating whether a particular item must be resolved prior to Fuel Load. To assist in this determination, an affirmative answer to any of the following questions requires consideration of the item for Fuel Load based on Technical Specification requirements.

- | | | | |
|--------------------------|--------------------------|---|--|
| <input type="checkbox"/> | <input type="checkbox"/> | • | Does the item identify a specific deficiency which has significant probability of leading to the inoperability of a system required for fuel load or operation by the WBN Technical Specifications. |
| YES | NO | | |
| <input type="checkbox"/> | <input type="checkbox"/> | • | Does the item identify a programmatic deficiency which has a high probability of causing or has caused a specific deficiency leading to the inoperability of a system. |
| YES | NO | | |
| <input type="checkbox"/> | <input type="checkbox"/> | • | Does the item identify a specific deficiency that results in a failure to comply with NRC regulations and no variance has been approved by the NRC. |
| YES | NO | | |
| <input type="checkbox"/> | <input type="checkbox"/> | • | Does the item identify a specific commitment or is it involved in commitment TVA has made to the NRC to complete the item prior to fuel load. |
| YES | NO | | |
| <input type="checkbox"/> | <input type="checkbox"/> | • | Does the item identify a design change or partially implemented design change which is required to meet the FSAR or licensing basis. |
| YES | NO | | |
| <input type="checkbox"/> | <input type="checkbox"/> | • | Does the item directly and adversely affect safety related equipment function, performance, reliability, or response time. |
| YES | NO | | |
| <input type="checkbox"/> | <input type="checkbox"/> | • | Does the item indirectly and adversely affect safety related equipment power supply, air supply, cooling, lubrication, annunciation, or ventilation. |
| YES | NO | | |
| <input type="checkbox"/> | <input type="checkbox"/> | • | Does the item adversely affect containment integrity. |
| YES | NO | | |
| <input type="checkbox"/> | <input type="checkbox"/> | • | Does the item adversely affect ABSCE integrity. |
| YES | NO | | |
| <input type="checkbox"/> | <input type="checkbox"/> | • | Does the item adversely affect systems used to process radioactive waste. |
| YES | NO | | |
| <input type="checkbox"/> | <input type="checkbox"/> | • | Does the item adversely affect Control Room habitability. |
| YES | NO | | |
| <input type="checkbox"/> | <input type="checkbox"/> | • | Does the item adversely affect fire protection or fire loading within the Plant. |
| YES | NO | | |
| <input type="checkbox"/> | <input type="checkbox"/> | • | Does the item adversely affect ability of a system or component to meet its safety function during a design basis event by impacting the seismic analysis, single failure criteria, separation criteria, high energy line break assumptions, hot pipe criteria, equipment qualification or PRA analysis. |
| YES | NO | | |
| <input type="checkbox"/> | <input type="checkbox"/> | • | Does the item adversely affect programs such as Radiological Health, Security, Emergency Preparedness, Quality Assurance, Personnel Safety or Operational Readiness which are necessary for safe conduct of operation of the plant. |
| YES | NO | | |
| <input type="checkbox"/> | <input type="checkbox"/> | • | Does the item identify a specific deficiency which has a significant probability of leading to a personal injury during plant operation. |
| YES | NO | | |
| <input type="checkbox"/> | <input type="checkbox"/> | • | Does the item identify a specific condition which has a forced outage risk during the first cycle in excess of the critical path time to correct the condition prior to fuel load. |
| YES | NO | | |
| <input type="checkbox"/> | <input type="checkbox"/> | • | Does the item identify an issue which in your opinion requires a management/PORC review. |
| YES | NO | | |

If the answer to all of the above questions is no, then tie the item to the appropriate milestone after fuel load and place in schedule.

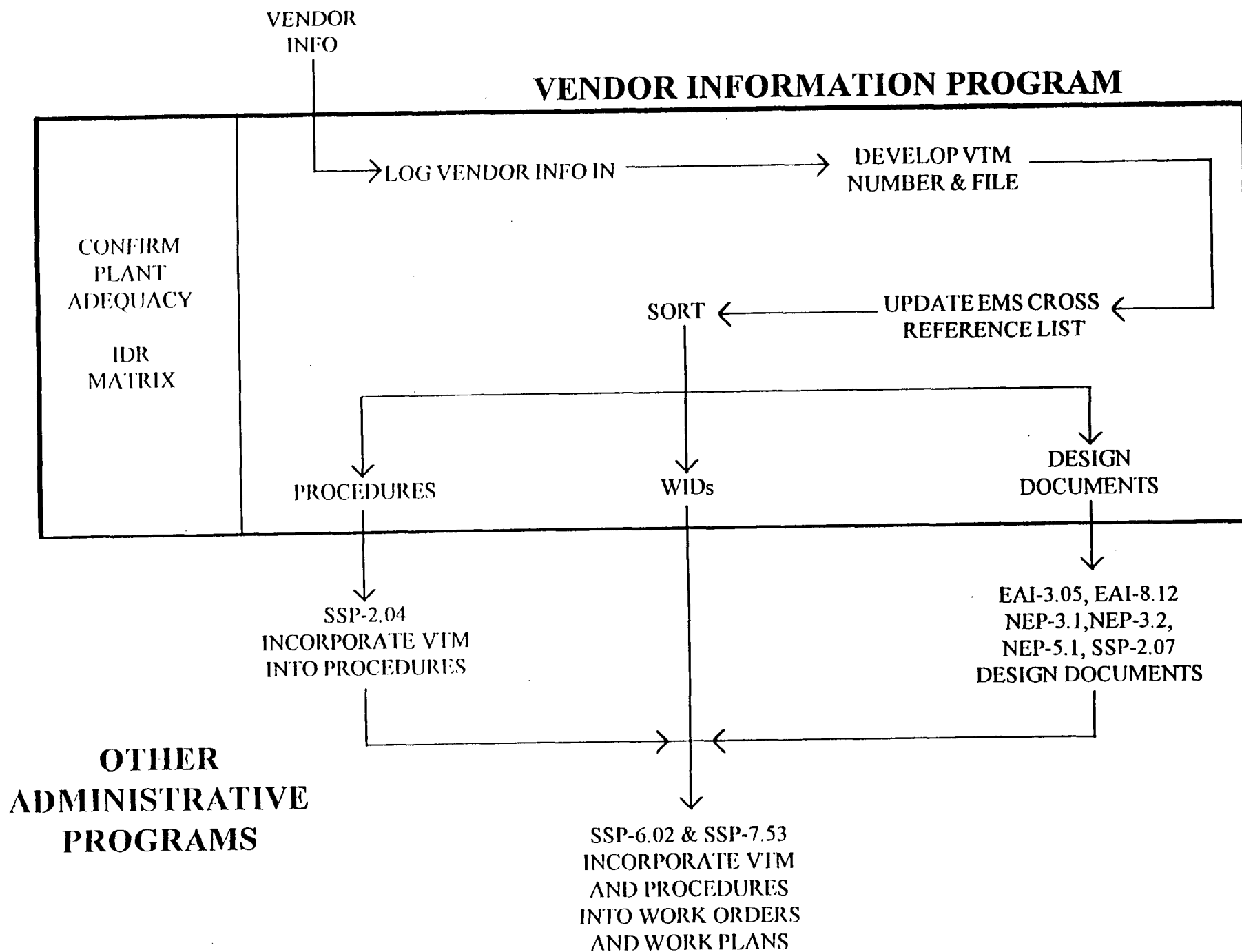
- 50 Required to complete 18 month surveillance instructions.
- 55 Required before beginning Fuel Load.
- 60 Required before achieving Initial Criticality.
- 65 Required before closure of Main Generator Breaker.
- 66 Required for 30% Power Ascension Milestone.
- 67 Required for 50% Power Ascension Milestone.
- 68 Required for 75% Power Ascension Milestone.
- 69 Required for 90% Power Ascension Milestone.
- 70 Required for 100% Power Ascension Milestone
- 99 Routine item which: (1) Does not cause an LCO, and (2) is not required for Plant Startup/other Milestone.

COMMENTS: _____

System Engineer

Date

MTS jel



VENDOR INFORMATION PROGRAM

1. The development of the site procedure to control and use vendor information.
2. The development of Vendor Technical Manuals (VTMs).

This includes the collection of vendor information and assembling this information into the correct VTM format, including numbering and filing.

3. The update of the EMS cross-reference database (component to VTM).

This provides WID preparers a ready reference to potential VTMs via EMS cross reference to component.

4. The incorporation of vendor information into design documents.

This includes the notification of Nuclear Engineering disciplines to review the design-like vendor information for its impact on design input and output documents.

5. The incorporation of vendor information in plant procedures.

This includes the notification to line organizations responsible for procedures to review the new/revised VTM for its impact on those procedures and the incorporation of this information into these procedures.

6. Work Implementing Documents

This includes the provision of vendor information in the development of workplans and work orders, using the EMS cross reference, design documents and procedures to identify the VTMs applicable to the components to be worked.

Additionally,

7. The confirmation of plant adequacy.

This includes providing reasonable assurance that NE approved vendor information was used in the installation of safety-related equipment.

Vendor Information Program
Corrective Action Plan
Analysis

PERs	Population	Reviewed	Conclusions/Comments
<p>6</p> <p>Related to Work Orders</p> <p>WBPER940446</p> <p>WBPER940506</p> <p>WBPER940541</p> <p>WBPER940594</p> <p>WBPER940661</p> <p>WBPER950096</p>	<p>23,000 Work Orders were closed in 1994.</p>	<p>Reviewed more than 100 Work Orders.</p> <p>WBPER940153 and WBPER940298 reviewed 35 more Work Orders.</p> <p>WBSCA940061 reviewed 54 more Work Orders.</p>	<p>WBSCA940061 was to increase management attention to the repetitive problem. implementation of Orders exist</p>
<p>1</p> <p>Related to DCNs</p> <p>WBPER940355</p>	<p>WBN has more than 35,000 DCNs.</p> <p>1420 DCNs were issued and 9004 DCNs were closed in 1994.</p>	<p>Reviewed more than 36 DCNs so far. The extent of condition for WBPER940355 has not been completed, yet.</p>	<p>WBPER940355 was evaluated to the criteria when the condition review complete as required SSP-3-06.</p>
<p>5</p> <p>Related to Incorrectly Controlling Design Input and Output Documents and Work Plan Packages</p> <p>2</p> <p>Related to Design Documents/DCNs</p> <p>WBPER940173</p> <p>WBPER940592</p> <p>3</p> <p>Related to Work Plans</p> <p>WBPER940184</p> <p>WBPER940242</p> <p>WBPER940436</p>	<p>WBN has more than 35,000 DCNs.</p> <p>1420 DCNs were issued and 9004 DCNs were closed in 1994.</p>	<p>These 5 PERs reviewed more than 12 SSDs and 5 Work Plans.</p>	<p>Since Design Documents are revised in Design Work Plan Instructions Based on Design WBPER940355 was mitigate future errors giving clearer instructions in EAI-3.05 and to NE engineers</p> <p>Vendor Manual requirements</p> <p>WBSCA940063 Work Plan error part, addressed to of vendor information</p> <p>NOTE: WBPER related to Pipe Load Capacity Design which are controlled EAI-8.12 and S not SSP-2.</p>
<p>3</p> <p>Related to Procedures</p> <p>WBPER940116</p> <p>WBPER940153</p> <p>WBPER940298</p>	<p>There are 2362 procedures which fall under the scope of the Upgrade Programs.</p>	<p>Reviewed 1120 procedures.</p>	<p>WBPER940298 the control of procedures. This includes</p>
<p>1</p> <p>WBPER940685</p>			<p>A plug was added. NE approval/audit. This is not Vendor Information related</p>
<p>1</p> <p>WBPER950093</p>			<p>This PER was in</p>