

Approved by/Date:	Implementation Date: 11/15/91 12/16/91 <u>11/29/91</u>
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1.0 INTRODUCTION

1.1 Purpose

This Site Standard Practice (SSP) establishes the administrative, technical and quality controls used by those Watts Bar Nuclear Plant (WBN) personnel involved in the Materials Improvement Project (MIP). This SSP details the process of the MIP which provides for the review, verification and application of technical and quality requirements associated with the materials procured and received prior to June 5, 1991 which are currently stored at WBN. Sanitization packages processed utilizing sanitization guidelines and operational plan prior to implementation of SSP-10.B are acceptable.

The MIP was established to resolve the nonconforming conditions which were identified in CAQRs/SCARs etc. (see Appendix A)

The purpose of the MIP is to provide a systematic process for reevaluating the safety classification, storage, tagging, file maintenance, documentation and re-inspection of the subject materials. The MIP will determine if the subject material can be placed in inventory for potential issuance or if the material must be disapproved for inventory, requiring that it be surplus or discarded, and investigated for past issuance(s) to the plant. The MIP will ensure that the subject material will not have the potential to degrade the safety function of the applicable host equipment/system.

1.2 Scope

This SSP applies to all quality-related materials (QA Level I, II, and III) procured and received prior to June 5, 1991 which are currently stored at WBN.

The following materials are not a part of the MIP process:

- QA Level 0 materials
- Direct Charge materials
- Materials received June 5, 1991 and later

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9202110136 920203
PDR ADOCK 05000390
A PDR

1.3 Applicability

This SSP applies to all WBN personnel including contractors involved in the review, verification, and application of technical and quality requirements for the MIP.

2.0 DETAILS

An overview flowchart depicting the MIP process is provided in Appendix B.

2.1 Administrative Process

The administrative process of the MIP has as its final result a Sanitization Package which will give an evaluation of the material so that the material can either be replaced in or removed from WBN inventory. The process is as follows.

2.1.1 Material Selection and Prioritization

Selection and prioritization of materials should be based on the most immediate needs of the WBN completion effort. Therefore, consideration should be given to such activities as staging of materials for work documents and stocking the warehouse with high request materials.

To the extent possible materials should be grouped by commodities for their evaluation. Materials that are not economically feasible for evaluation are to be considered for surplus and for impact on the quality of past installations.

2.1.2 Material Relocation and Walkdown

Once materials have been selected for the evaluation process, they are to be physically relocated (unless size or configuration prohibits) to a segregated storage location. At this location the material will have a walkdown performed to identify:

- Item identification
- All associated RDs, contracts, transfer requisitions, etc that are necessary to establish the materials compliance to all technical and quality requirements.
- Quantities associated with each purchase document
- Storage level
- Other pertinent information (i.e., shelf life, 10CFR50.49, ASME, etc.)

The information shall be forwarded to the sanitization engineer for incorporation into the Sanitization Package.

2.1.3 Location and/or Preparation of Procurement Engineering Documents

A search shall be performed by the sanitization engineer to verify if a Procurement Engineering Group (PEG) procurement package exists for the selected material. If a PEG package does not exist for the material, a PEG package will be generated, including the Procurement Master Data Sheet (PMDS) when applicable, in accordance with SSP-10.05.

2.1 Administrative Process (continued)

2.1.4 Generation of the Sanitization Package

A Sanitization Package shall be generated for each material or grouping of materials in accordance with the technical and quality requirements of SSP-10.05.

The PEG package requirements will be compared to the contract procurement requirements for the material under review. If the material has been purchased to those requirements detailed by the PEG package, then the material is suitable for future issue. If it is determined that the item under review does not meet the PEG procurement package requirements, the item will be considered for surplus or dedicated in accordance with the Technical and Quality requirements of SSP-10.05.

Should the Sanitization Package dictate the need for technical file maintenance (i.e., QA level change/new TIIC, description change), the Sanitization Engineer shall forward a request for file maintenance to be performed to the Inventory Control Group.

2.1.5 File Maintenance

Technical File Maintenance requests will be processed by the Inventory Control Group, via TVA Forms 2523-9;-22. All QA level changes/ New TIIC requests shall be "Walked-Thru" Inventory Control to assure sanitization package is assigned correct TIIC/QA Level prior to signature approval cycle.

2.1.6 Material Verification/Re-inspection

Upon completion of the Sanitization Package, Quality Control will perform a re-inspection to ensure compliance with the technical and quality requirements in accordance with SSP-10.02.

The sanitized material will be inspected for appropriate tagging.

2.1.7 Material Relocation

The sanitized material will be relocated to a warehouse and stored at the required storage level. The Inventory Control Group will update MAMS in accordance with SAI-15.03 to reflect the new location of the material.

2.1.8 Material Surplus

Unevaluated material(s) do not require initiation of a correction action program document (SCAR, PER, etc) since all unevaluated material currently instock is considered questionable and has been identified on various corrective action program documents.

2.1.8 Material Surplus (continued)

Material evaluated as unacceptable for use at WBN will be investigated to determine if any of the material has been issued from inventory. If none has been issued, then future issues will be denied. Material issued, but not installed, will be recalled to the warehouse. In both cases, the material will be surplus, dedicated or discarded. If an item has been installed, all pertinent information will be logged on Appendix D and forwarded to the appropriate Engineering Group for evaluation and resolution.

2.1.9 Immediate Need Release Evaluation

An Immediate Need Release Evaluation may be authorized by the MIP Manager. The same MIP administrative process shall be used with the following exception: The sanitization engineer shall evaluate the material requested for use along with additional quantities of the material received on the same contract. Evaluation of other contracts associated with the same material commodity may be postponed.

2.2 Technical and Quality Requirements Application

All technical and quality controls which are to be used in the MIP process for the review and verification of the subject materials shall be taken from the latest revisions of SSP-10.01, SSP-10.02, SSP-10.03, SSP-10.04, and SSP-10.05 as needed.

3.0 RECORDS

The person responsible for preparing a document that becomes a record (or a portion of one) because of this SSP is also responsible for the document's legibility, reproducibility, microfilmability, accuracy, and completeness.

3.1 QA Records

The following documents are QA records generated by this SSP and are handled in accordance with the Document Control and Records Management (DCRM) program:

Sanitization Package

3.2 Non-QA Records

Appendix D *Resolution of Discrepant Item(s) Log*

4.0 DEFINITIONS

SANITIZATION PACKAGE

An evaluation involving a systematic process of ensuring that previously procured and received prior to June 5, 1991 meet the technical and quality requirements necessary for the materials end use(s).

5.0 REFERENCES

5.1 Source Documents

None

5.2 Commitment Documents

None

5.3 Interface Documents

A. SAI-15.03, *Procurement*B. SSP-10.01 *Procurement of Materials and Services*C. SSP-10.02 *Material Receipt and Inspection*D. SSP-10.03 *Handling, Storing and Shipping*E. SSP-10.04 *Material Issue, Control, and Return*F. SSP-10.05 *Technical Evaluation for Procurement of Materials and Services*

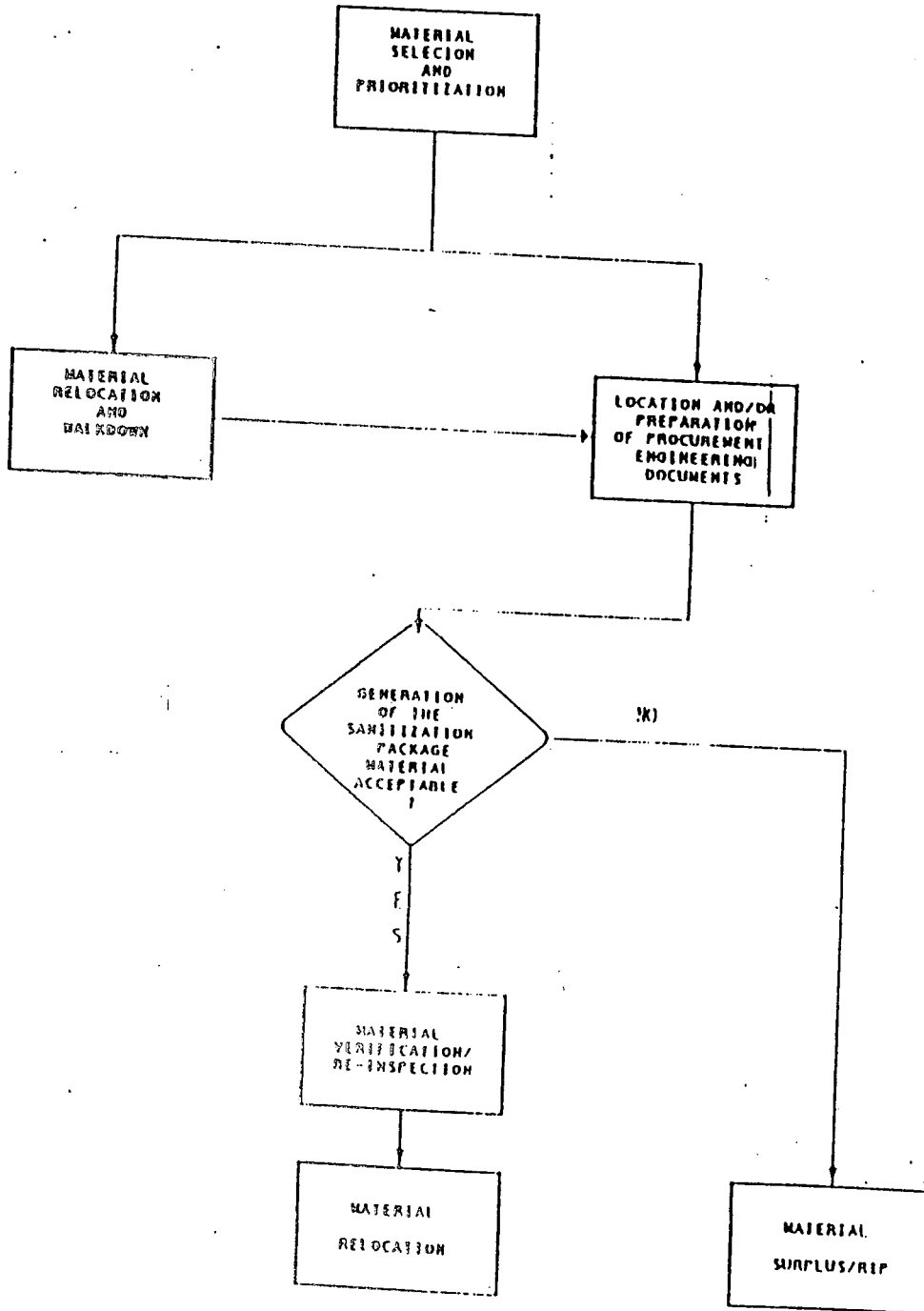
APPENDIX A
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CAQR/SCAR LISTING

<u>CAQR/SCAR No.</u>	<u>Condition Description</u>
WBP870981R5	Replacement parts were not ordered under requirements at least equivalent to that of the original items.
WBP880542R6	Receipt inspection were found to be often inadequate, incomplete, or missing.
WBP880474R4	Stored items identified as lacking identification and traceability, proper storage level assignment, segregation and control of non-conforming items, and required inspections.
NCR 7061/ SCR 7061	Improper procurement of replacement parts.
NCR 7076	Improper procurement of engineering controlled materials.
NCR 7096/ SCR 7096	Improper procurement of relays.
CAR No. NCO- CAR-87-006-R	Failure of DNC procurements to impose quality assurance program requirements on supplier.
WBP870420	Damage to an improper storage of class 1E electrical cables.
SCAR No. WBSA910166	Cables and cable reels found in nonconformance with engineering requirements (47A100) resulting in improper identification and segregation, physical damage, improper workmanship, and lack of protective covers.
WBP910039	Discrepancies between procurement engineering documents and MAMS database dealing with file maintenance.
WBP900484	Failure to tag ASME material correctly.

MATERIAL IMPROVE PROJECT
PROCESS FLOW DIAGRAM

APPENDIX B
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APPENDIX C
Page 1 of 3

SANITIZATION PACKAGE

Tracking No. _____ Page ___ of ___

TIIC: _____ Mfg/Part No.: _____ QA Level _____

Short Description: _____

See Attached MAMS V300 Screen for Item Description

Commodity Code: _____

Identify potential or actual uses:

- Basic Component Not a Basic Component Seismic
 - 10CFR50.49 Quality Related ASME
- Class _____

Indicate applicable document types considered:

- | | | | |
|--------------------------|--------------------------|------------------------------------|--------------------|
| Yes | N/A | | |
| <input type="checkbox"/> | <input type="checkbox"/> | PEG Packages | PEG RIMS NO. _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | PMDS | PEG NO. _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | PPSP | |
| <input type="checkbox"/> | <input type="checkbox"/> | Certificate of Conformance | |
| <input type="checkbox"/> | <input type="checkbox"/> | Certificate of Compliance | |
| <input type="checkbox"/> | <input type="checkbox"/> | Receiving Inspection Report | |
| <input type="checkbox"/> | <input type="checkbox"/> | Certified Material Test Report | |
| <input type="checkbox"/> | <input type="checkbox"/> | Code Data Report | |
| <input type="checkbox"/> | <input type="checkbox"/> | Non-Destructive Examination Report | |
| <input type="checkbox"/> | <input type="checkbox"/> | Contracts | |
| <input type="checkbox"/> | <input type="checkbox"/> | Other _____ | |

	YES	NO	N/A
Is File Maintenance Required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the QA Level correct?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the vendor on the Approved Suppliers List?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are all Contracts & RDs acceptable for use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the item to be declared surplus?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is a RIP evaluation required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

List of documents attached:

Prepared By: _____ SAN ENGR./DATE	Verified By: _____ INDEP. RVW/DATE	Reviewed/ Approved By: _____ SAN MANAGER/DATE	Reviewed/ Approved By: _____ QA/DATE
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APPENDIX C
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Tracking No.: _____

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Stock Verification/Shelf Life/Storage Level

TIIC: _____ Mfg/Part No.: _____ QA Level _____ Commodity Code _____

Item Description: _____

CONTRACT RD	DATE REC'D	LOCATION	QUANTITY (FOOTAGE)	MANUFACTURER REEL NUMBER	STORAGE LEVEL		WB REEL NO.	INITIAL & DATE
					REQUIRED	ACTUAL		

SPECIAL TAGGING INSTRUCTIONS/REMARKS: _____

APPENDIX D
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Resolution of Discrepant Item(s) Log

TIIC No. (other identifier)	Sanitization PKG. NO.	Cognizant Eng. Group	Resp. Eng.	Date Resolved

REVISION LOG

<u>REVISION NUMBER</u>	<u>IMPLEMENTATION DATE</u>	<u>DESCRIPTION OF REVISION</u>
0	12/16/91	Initial Issue. Supersedes the Materials Improvement Project Operational Plan

SOURCE NOTES
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None

APPENDIX C
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Tracking No.: _____

Page _____ of _____

Stock Verification/Shelf Life/Storage Level

TIIC: _____ Mfg/Part No.: _____ QA Level _____ Commodity Code _____

Item Description: _____

CONTRACT RD	DATE REC'D	LOCATION	QUANTITY (FOOTAGE)	MANUFACTURER REEL NUMBER	STORAGE LEVEL		WB REEL NO.	INITIAL & DATE
					REQUIRED	ACTUAL		

SPECIAL TAGGING INSTRUCTIONS/REMARKS: _____

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SOURCE NOTES
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None