

WP 10-WC3011

Rev. 23

Maintenance Process

Management Control Procedure

EFFECTIVE DATE: 08/31/10

Leroy Bostick
APPROVED FOR USE

WORK CONTROL PROCESS

TABLE OF CONTENTS AND FLOWCHART

CHANGE HISTORY SUMMARY.....	4
INTRODUCTION.....	5
REFERENCES	6
PRECAUTIONS AND LIMITATIONS	7
PREREQUISITE ACTIONS.....	8
PERFORMANCE	9
List of Abbreviations in the Flowchart	9
WORK CONTROL FLOW CHART LEGEND	10
INITIATE ACTION REQUEST.....	11
ISSUE WORK ORDER	15
PRE-PLAN WORK.....	16
MODIFICATION PREPARATION.....	17
WORK INSTRUCTION & APPROVAL.....	18
SCHEDULING MODULE	21
WORK PERFORMANCE	23
ACCEPTANCE/RETEST.....	25
CLOSE OUT	26
PM & PDM	29
WORK ORDER CANCELLATION.....	30
CANCELLATION OF ISSUED PM	34
PLACING PM ON INACTIVE STATUS	35
REMOVE PM FROM INACTIVE STATUS	36
CHANGING PM DUE DATE	37
DISCONTINUE MAINTENANCE IN CHAMPS.....	38
DELINQUENT PM ADMINISTRATION	39
PLANT FORCES WORK REFERRAL.....	40
Attachment 1 – Review and Approval Matrix.....	41
Attachment 2 – Maintenance Engineer, Zone Superintendent, and Zone Maintenance Manager Closeout Checklist.....	42
Attachment 3 – Zone Superintendent, and Zone Maintenance Manager, Review for Ready to Work Checklist	44
Attachment 4 – Pre-Job Briefing Checklist	45
Attachment 5 – Skill of the Craft/"C" Work Order Determination Check Sheet.....	46
Attachment 6 – Request for Maintenance and Release Authorization	47
Attachment 7 – Priority System Currently Being Utilized.....	48

CHANGE HISTORY SUMMARY

REVISION NUMBER	DATE ISSUED	DESCRIPTION OF CHANGES
22	06/30/10	<ul style="list-style-type: none"> • Updated references and in text where needed • Flow Charts: <ul style="list-style-type: none"> Initiate Action Request – added requirements for phone or email request Issue Work Order – deleted Checklist EA10-2-15-0 Pre-Plan Work – added information for HIC/AJHA Ready To Work – delete box for forwarding W/O to Planner Scheduling Module – delete reviewing with ZMM and added Scheduler Work Performance – added reference for Prejob Brief Close-Out – added reference for Prejob Brief Close-Out Work Control Center – Delete 10-day hold file box PM &PDM – delete Zone Superintendent Work Suspension – change WCC to Scheduler Cancellation of Issued PM Placing PM on Inactive Status Remove PM from Inactive Status Changing PM Due Date Discontinue Maintenance in CHAMPS – added Records Coordinator and moved tasks over to column • Attachments 1 and 2 – added in HIC/AJHA information • Attachment 4 added reference • Attachment 7 Priority System is deleted • New Attachment 7 – added Priority System Currently Being Utilized
23	08/31/10	<ul style="list-style-type: none"> • Updated Flowchart abbreviations • Deleted 3 boxes on Page 13, Process Action Requests for ZS • Deleted box on page 23, Pre-plan work for ZMM, duplicate information • Reversed Yes/No answers on page 33, W/O Clouse Out or reschedule • Updated Note 4 on Attachment 1.

INTRODUCTION

This procedure provides a flowchart for creating and implementing Corrective, Skill of the Craft, Modification, Preventive, and Predictive Maintenance work documents. It applies to work performed by all Washington TRU Solutions LLC (WTS) maintenance, construction, and subcontractor personnel.

The following records may be generated by the performance of this procedure:

- EA02EC3801-1-0, Environmental Review Form
- EA10-2-1-0, Action Request
- EA10-2-2-0, Modification Impact Sheet
- EA10-2-3-0, Plant Forces Work Referral
- EA10-2-4-0, Comments/Partial Release
- EA10-2-5-0, Work Change Notice
- EA10-2-6-0, WIPP Plant Work Suspension
- EA10-2-12-0, Trending Analysis Mode Compliance Equipment
- EA10-2-15-0, Turnover Checklist
- EA10-2-16-0, CHAMPS Skill of the Craft Cover Sheet
- EA10-2-17-0, CHAMPS Preventive Maintenance Cover Sheet
- EA10-2-18-0, CHAMPS Corrective Maintenance Cover Sheet
- EA10-2-19-0, CHAMPS Work Order - Alteration
- EA10WC3011-2-0, Field Directed Engineering Change Notice
- Work instructions
- Any applicable permits
- Hazard Identification Checklist (HIC)
- Hazard Summary (HS)

REFERENCES

BASELINE DOCUMENTS

- DOE O 433.1B, Maintenance Management Program for DOE Nuclear Facilities
- DOE P 450.4, Safety Management System Policy
- WP 04-CO.01, Conduct of Operations
- WP 12-IS series, Industrial Safety Program
- WP 13-1, Washington TRU Solutions LLC Quality Assurance Program Description

REFERENCED DOCUMENTS

- WP 02-AR3001, Unreviewed Safety Question Determination
- WP 02-EC3801, Environmental Review and NEPA Screening
- WP 04-AD3011, Equipment Lockout/Tagout
- WP 04-AD3012, Temporary Plant Modification Control
- WP 04-AD3030, Pre-Job and Post-Job Reviews
- WP 09-CN3007, Engineering and Design Document Preparation and Change Control
- WP 09-CN3024, Configuration Management Board/Engineering Change Proposal
- WP 09-CN3005, Graded Approach to Application of QA Controls, Attachment 1, Determination of Quality Assurance Program Controls
- WP 09-DC.01, Construction Management Program
- WP 09-SU.01, WIPP Start-Up Test Program
- WP 10-2, Maintenance Operations Instruction Manual
- WP 10-WC3010, Maintenance PM/MWI Controlled Document Processing
- WP 12-IS3002, Job Hazard Analysis Performance and Development
- WP 15-PC3042, Credit Card Purchases

- WP-15-PC3609, Preparation of Purchase Requisitions

PRECAUTIONS AND LIMITATIONS

- Emergency work is any work with a score of E in accordance with Attachment 7, Priority System.
- When Panel Schedules are found to be incorrect during the maintenance process, work will be stopped until the corrective action has been initiated.
- When multiple disciplines are required to complete a work task, the Craft and Zone Managers of each group will review the work package to ensure all hazards identified are mitigated and that sufficient detail exists to ensure clear boundaries exist.
- To expedite the work process, for weekend, back-shift and emergency work orders, the Action Request (A/R) shall be used as an approval and releasing document if a Computerized History and Maintenance Planning System (CHAMPS)-generated cover sheet is not immediately available. The required signatures shall be listed in the problem/modification description block. When CHAMPS-generated cover sheet becomes available, it shall be included in the work package.
- No alterations are to be made to an approved work instruction without proper authorization per Attachment 1, Review and Approval Matrix.
- When ground tests are conducted, list ohmic values and Measuring and Test Equipment (M&TE) data in "Overview of Work Performed" section of EA10-2-16-0.
- When ground tests are conducted, enter "Ground Check" for action code in CHAMPS.
- The Zone Maintenance Manager (ZMM) will obtain the Maintenance Manager approval prior to preventive maintenance (PM) going delinquent.
- Preventive maintenance work order may be closed with identified deficiencies. Submit A/R for all deficiencies identified during a PM. Annotate the "Overview of Work Performed" section of PM cover sheet with the Work Order number assigned to the A/R.
- The length and content of the pre-job briefing is determined by the complexity of the job and the hazards involved as designated by WP 04-AD3030.
- The ZMM's signature verifies that the work package has been reviewed for environmental and safety requirements. The necessary mitigating actions

are included in the Work Instructions to the best of his or her knowledge. The ZMM may request a formal Job Safety Analysis (JSA) if additional safety concerns need to be addressed.

Types of Maintenance:

- M: The code for MODIFICATION maintenance where system or component design modifications or new systems are required.
- C: The code for CORRECTIVE maintenance where failed or malfunctioning systems or component(s) have to be restored to service.
- S: Skill of the Craft work activities are limited to those items identified by Attachment 5, Skill of the Craft/"C" Work Order Determination Check Sheet.
- A: The code for ALTERATION maintenance which meets the criteria for Skill of Craft work skills as designated by Attachment 5.
- P: The code for PREVENTIVE maintenance where periodic and planned maintenance actions are taken to maintain a piece of equipment.

Maintenance Work Instructions (MWIs) may be used for the following: (The MWI will be a pre-approved work document and does not require additional approval each time it is issued.)

- As required nonscheduled maintenance. MWIs used for this purpose are treated as Preventive Maintenance Procedures (PMPs) and administered in accordance with this procedure.
- Repetitive corrective maintenance. MWIs used for this purpose are treated as corrective maintenance.

PREREQUISITE ACTIONS

1.0 Every subcontractor meeting the requirements of WP 12-IS.01-6 shall be assigned a Waste Isolation Pilot Plant (WIPP) Site Technical Representative (STR). Prior to the subcontractor starting work, the STR shall:

- Verify that the subcontractor has an approved work procedure.
- Arrange a pre-work safety briefing.
- Provide the safety rules for which the subcontractor will be responsible.
- During the subcontractor work activity, STR, verify adherence to the rules by the subcontractor.

- Complete and approve a National Environmental Policy Act (NEPA) environmental review before any modification package or maintenance work located outside the WIPP Property Protection Area can begin.

PERFORMANCE

- 1.0 The following flowchart provides guidance for the maintenance process, starting with the initiation of an Action Request to the completion of the work in the plant.

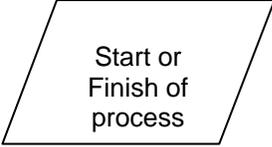
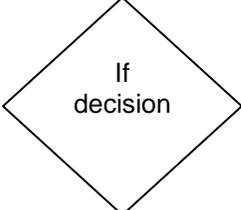
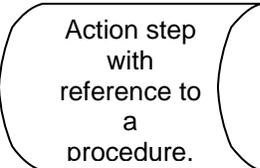
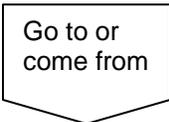
List of Abbreviations in the Flowchart

A.....	Alteration Work Order
A/R.....	Action Request
C.....	Corrective Maintenance Work Order
CHAMPS.....	Computerized History and Maintenance Planning System
COM.....	Cognizant Operations Manager
ECP.....	Engineer Change Proposal
ECO.....	Engineering Change Order
EMM.....	Emergency Management Manager
FDECN.....	Field Directed Engineering Change Notice
FSM.....	Facility Shift Manager
HIC.....	Hazard Identification Checklist
HS.....	Hazard Summary
HWFP.....	Hazardous Waste Facility Permit
IS&H.....	Industrial Safety and Hygiene
JHA.....	Job Hazard Analysis
M.....	Modification Work Order
M&TE.....	Measuring and Test Equipment
MIS.....	Modification Impact Sheet
MOM.....	Mine Operations Manager
MWI.....	Maintenance Work Instruction
OOC.....	Out of Commission
P.....	Preventive Maintenance Work Order
PIC.....	Person in Charge
PDM.....	Predictive Maintenance
PLD.....	Personal Locking Device
PM.....	Preventive Maintenance
PMP.....	Preventive Maintenance Procedure
POD.....	Plan of the Day
POW.....	Plan of the Week
RIDS.....	Records Inventory and Disposition Schedule
RTW.....	Ready to Work
S.....	Skill of the Craft Work Order
SC.....	Safety Class
SS.....	Safety Significant
STR.....	Site Technical Representative
USQ.....	Unreviewed Safety Question
WCC.....	Work Control Center
WCN.....	Work Change Notice
W/O.....	Work Order
WWC.....	Work Window Coordinator
ZMM.....	Zone Maintenance Manager

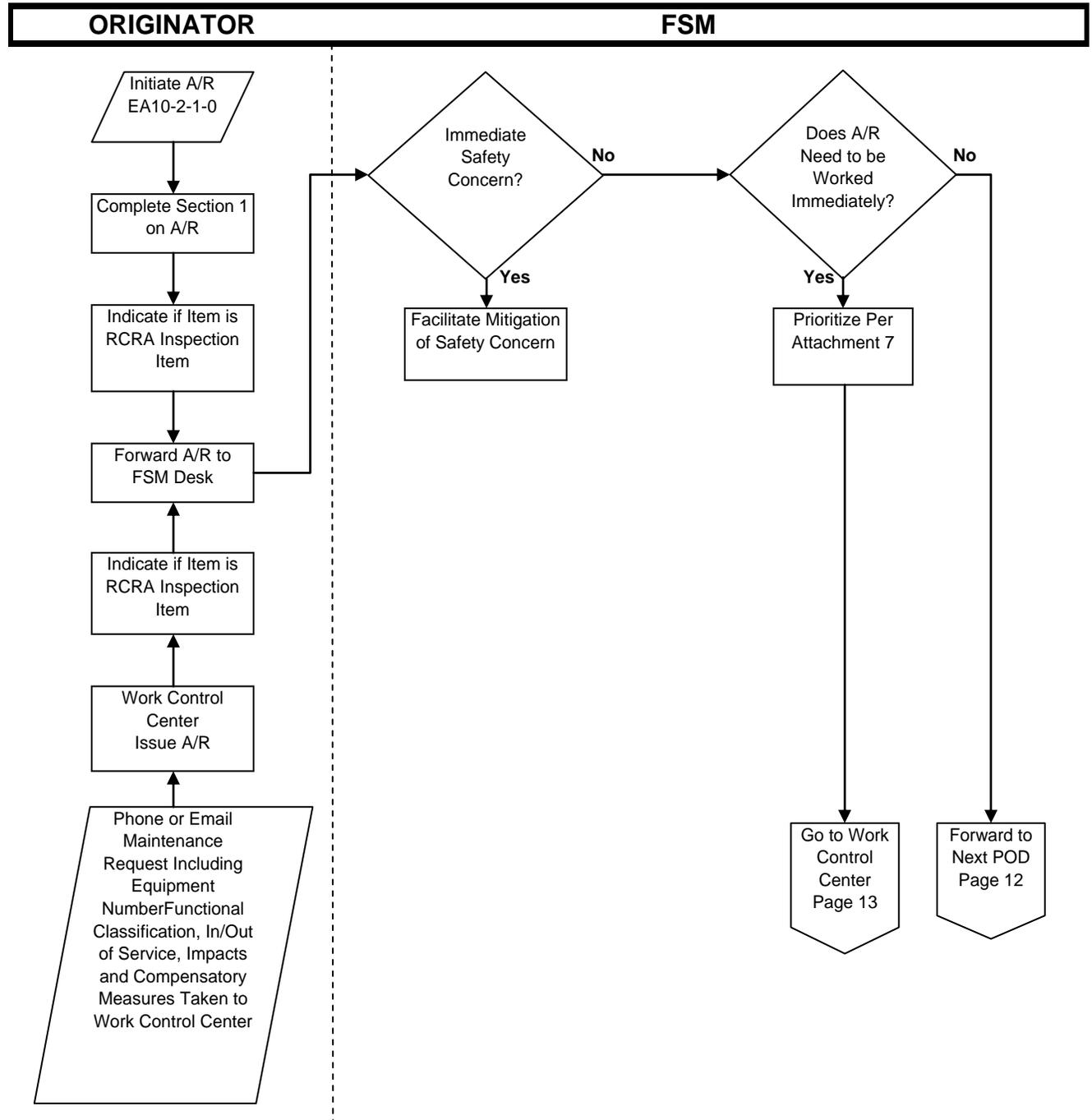
ZS.....

Zone Superintendent

WORK CONTROL FLOW CHART LEGEND

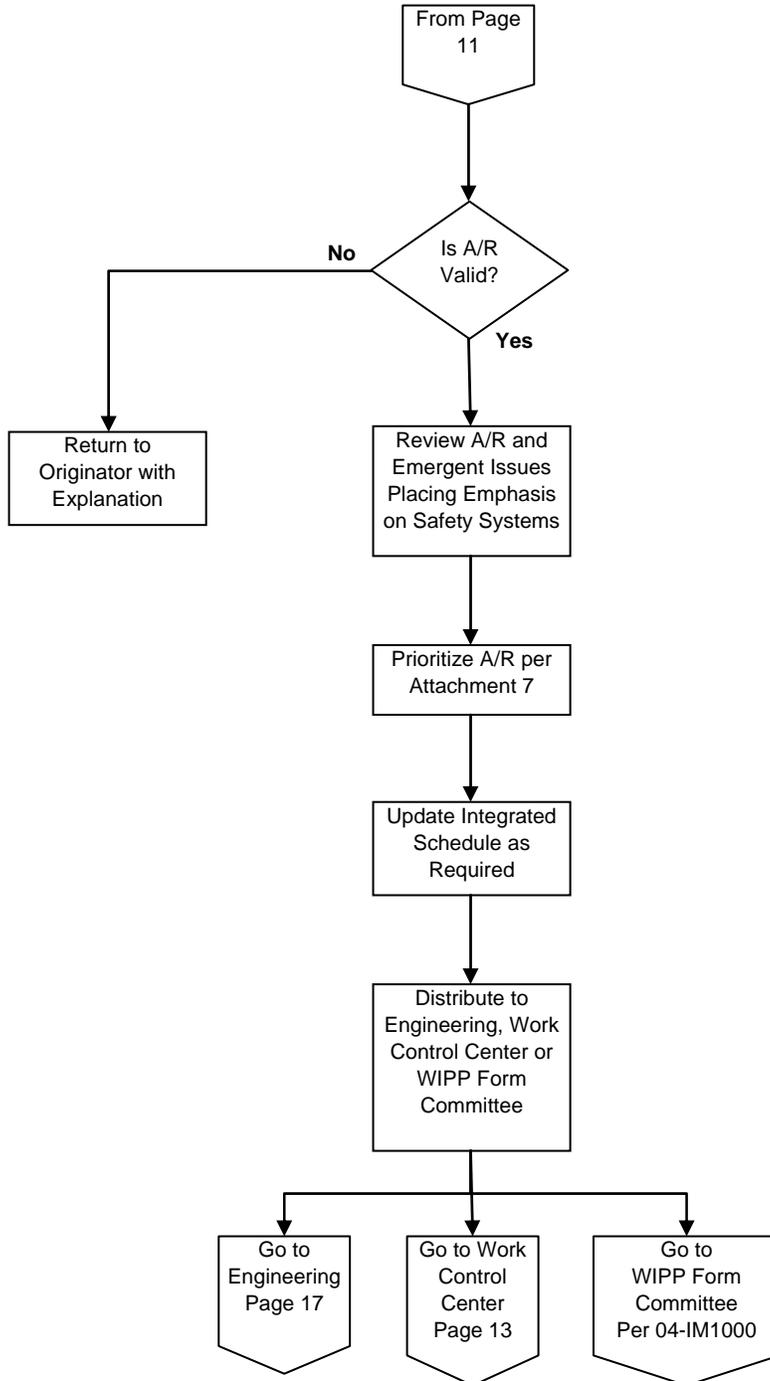
Symbol	Definition
	<p>This symbol is used to indicate the first and last step in the process. A diagram may have more than one start point or finish point.</p>
	<p>This symbol is used to indicate the action required. Text in this symbol will give direction and should start with an action verb.</p>
	<p>This IF DECISION symbol is used when a step in process requires an option to be considered and usually results in yes or no results. The text will be in the form of a question.</p>
	<p>This symbol indicates the action required and includes the referenced procedure that provides requirement for performing this action.</p>
	<p>The GO TO/COME FROM symbol is used to show that the process is part of another section of the flowchart. Text in symbol will refer to the subject and page number.</p>

INITIATE ACTION REQUEST



VALIDATE & PRIORITIZE ACTION REQUEST

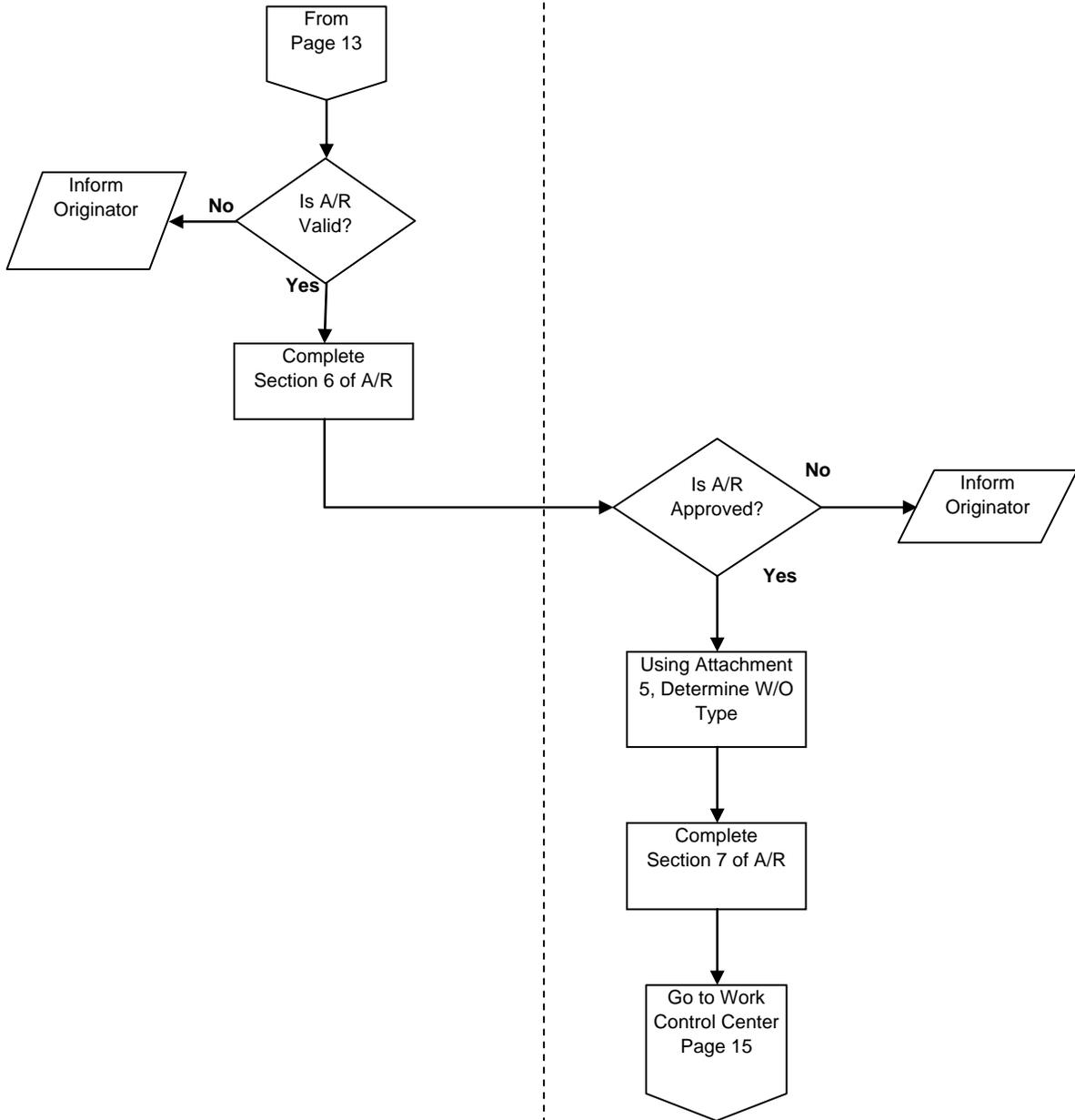
POD



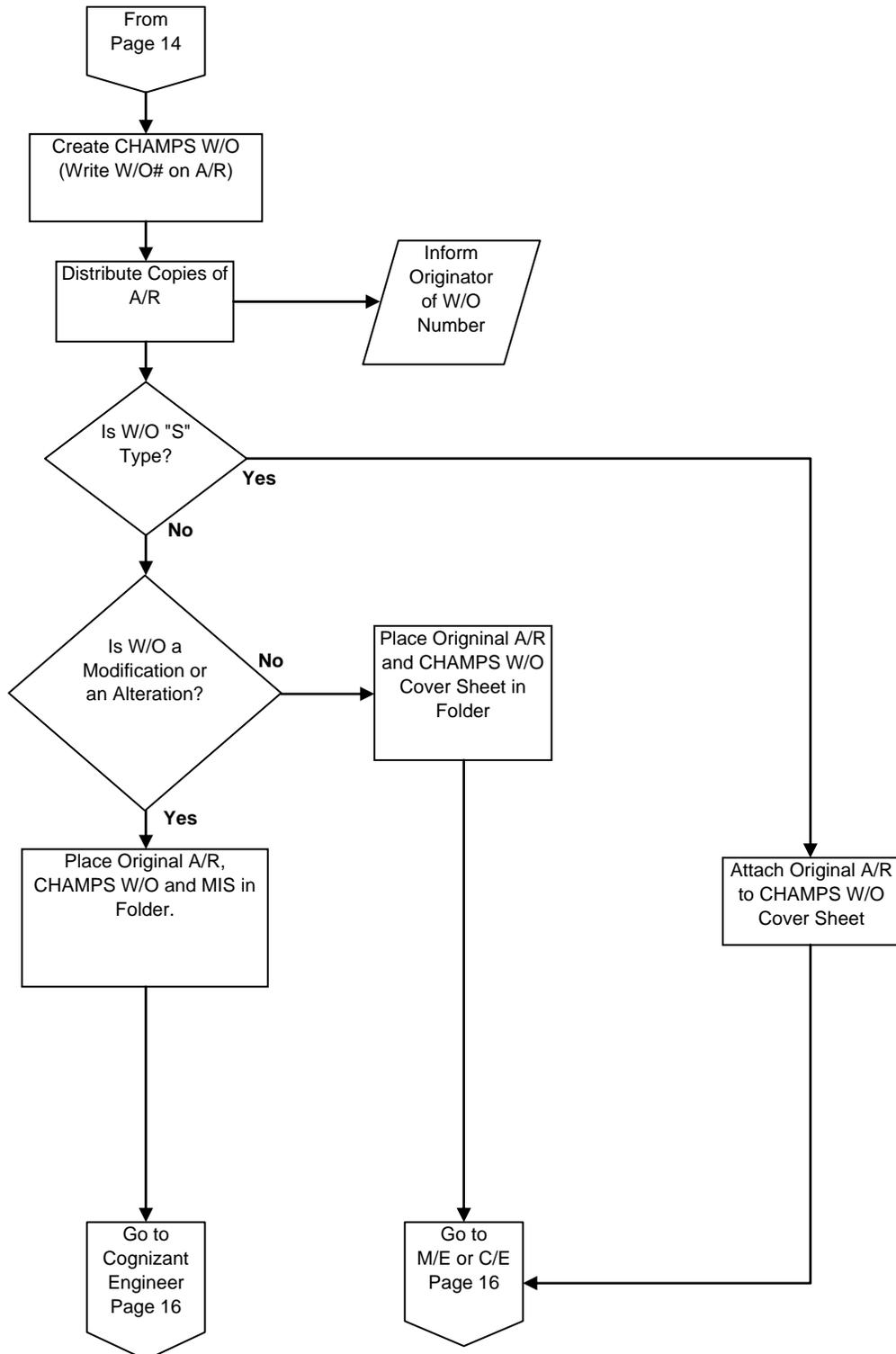
PROCESS ACTION REQUEST

ZONE SUPERINTENDANT

ZONE MAINTENANCE MANAGER

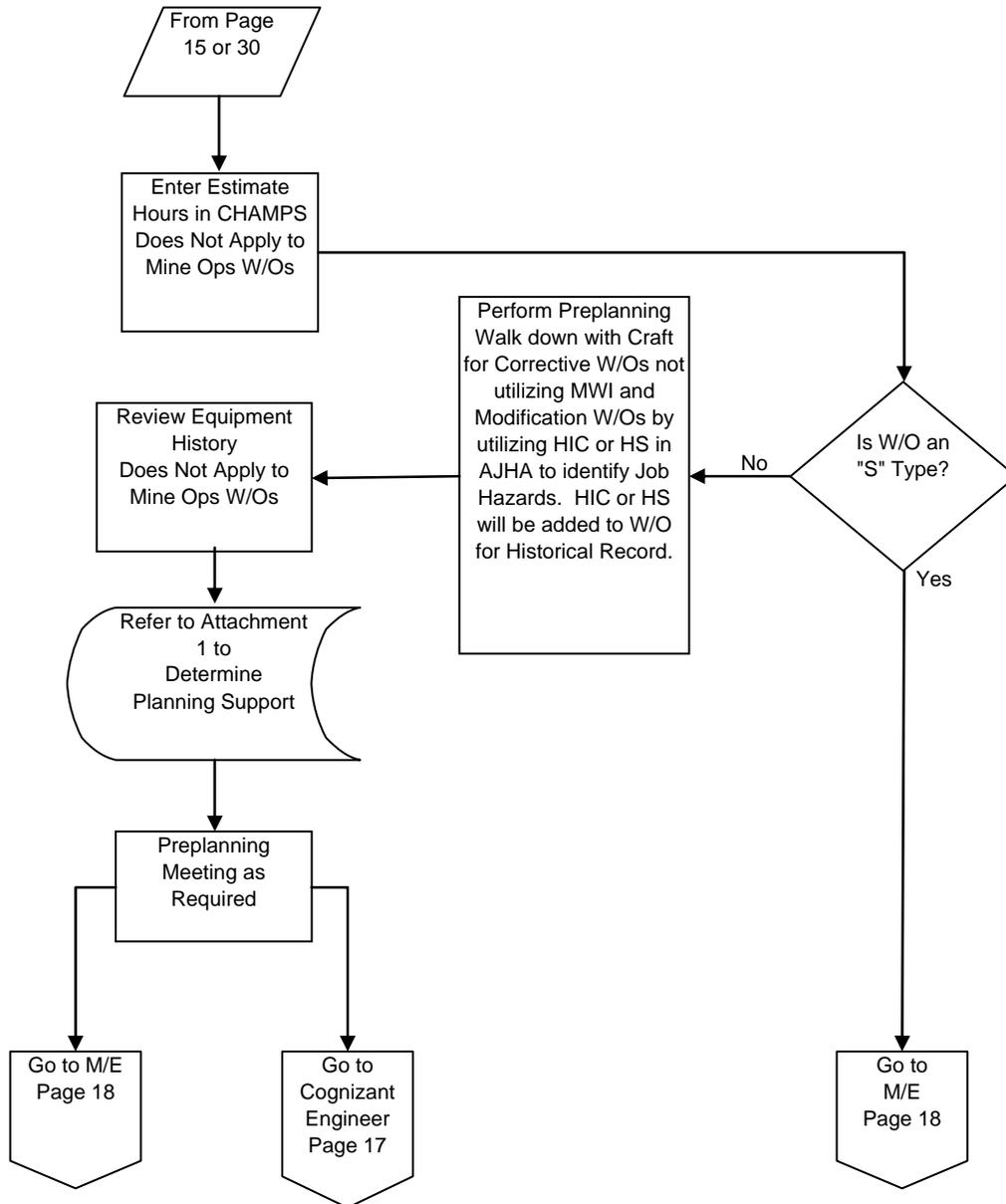


ISSUE WORK ORDER WORK CONTROL CENTER



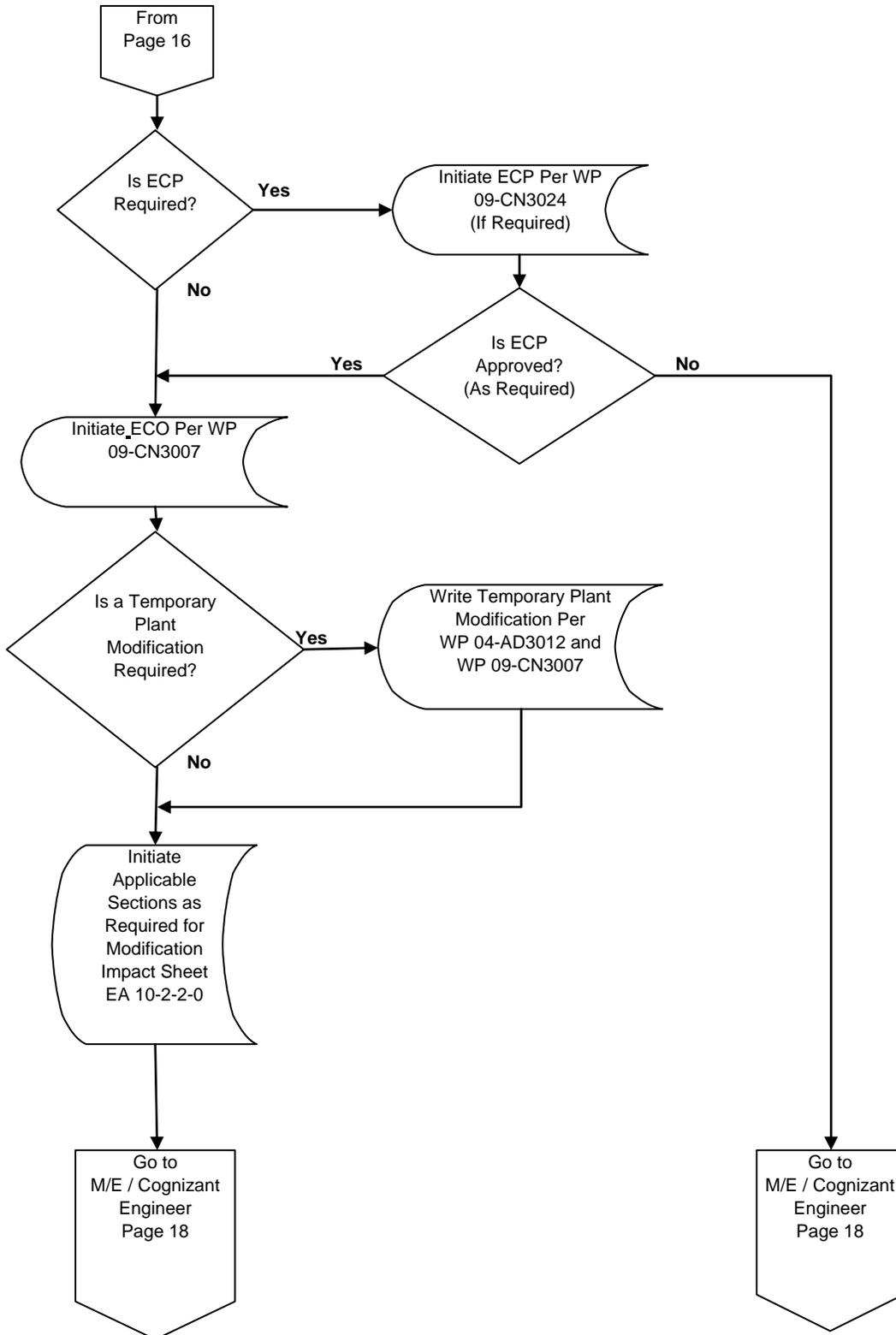
PRE-PLAN WORK

COGNIZANT ENGINEER OR M/E



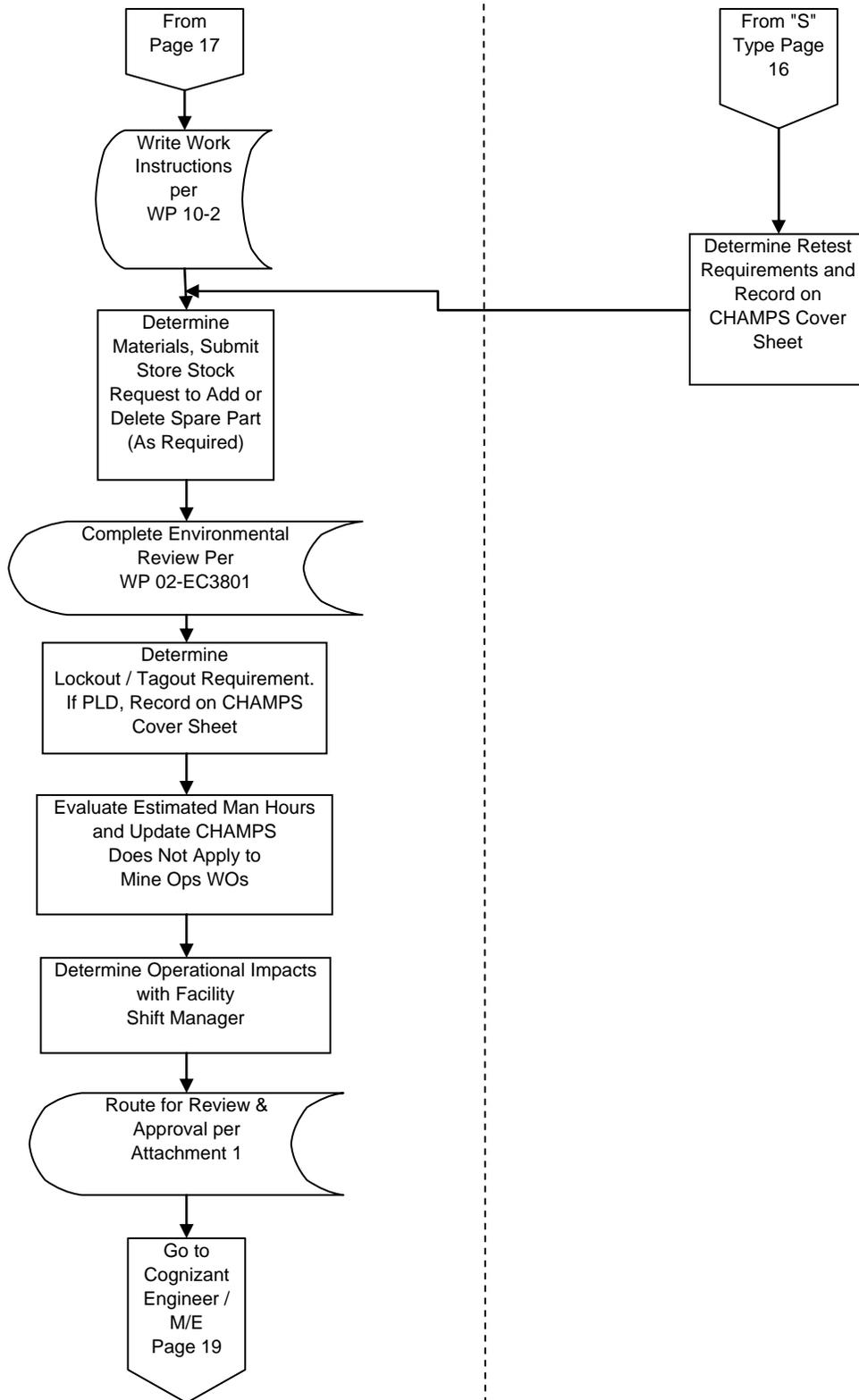
MODIFICATION PREPARATION

COGNIZANT ENGINEER



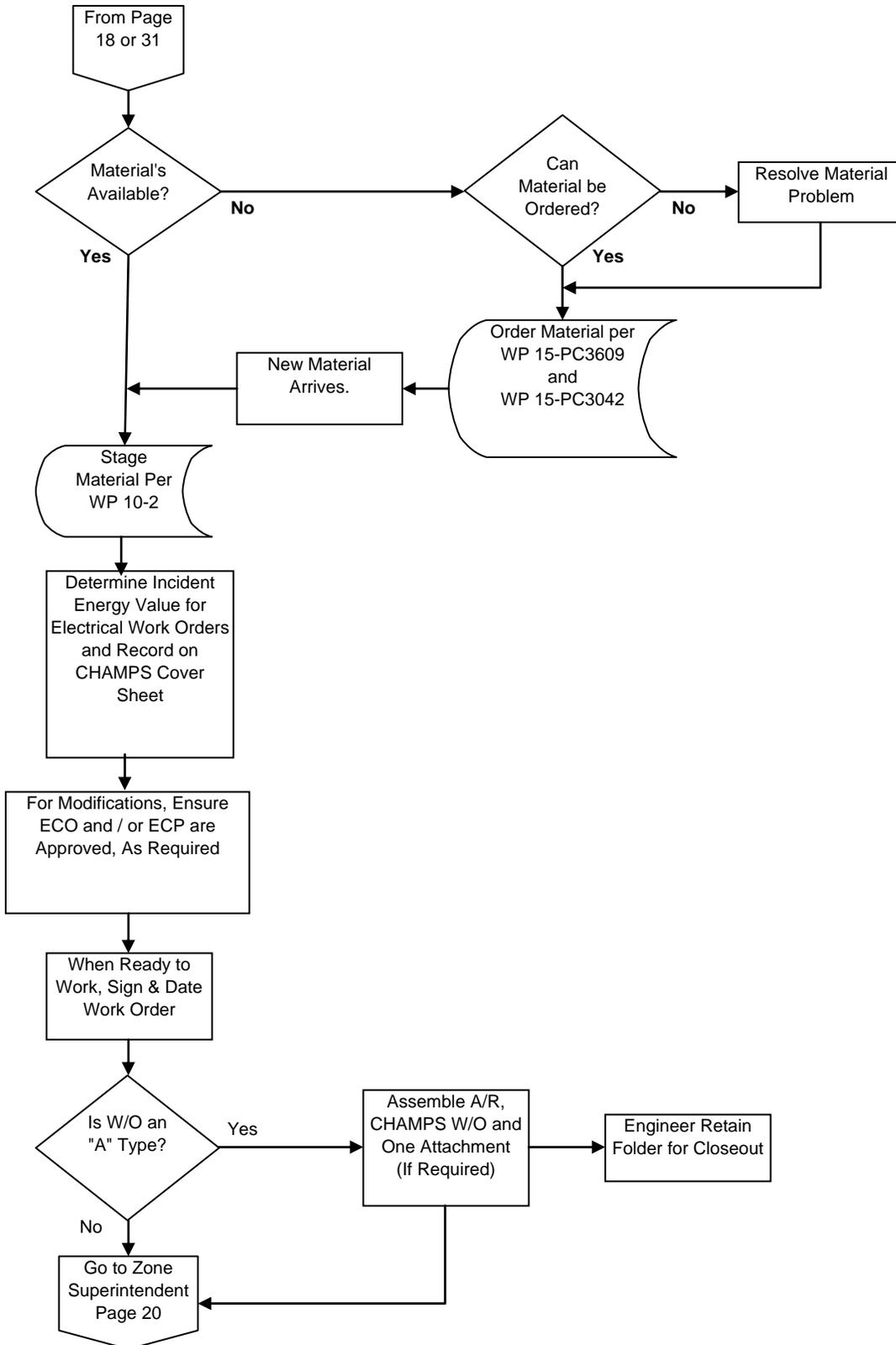
WORK INSTRUCTION & APPROVAL

COGNIZANT ENGINEER OR M/E M/E



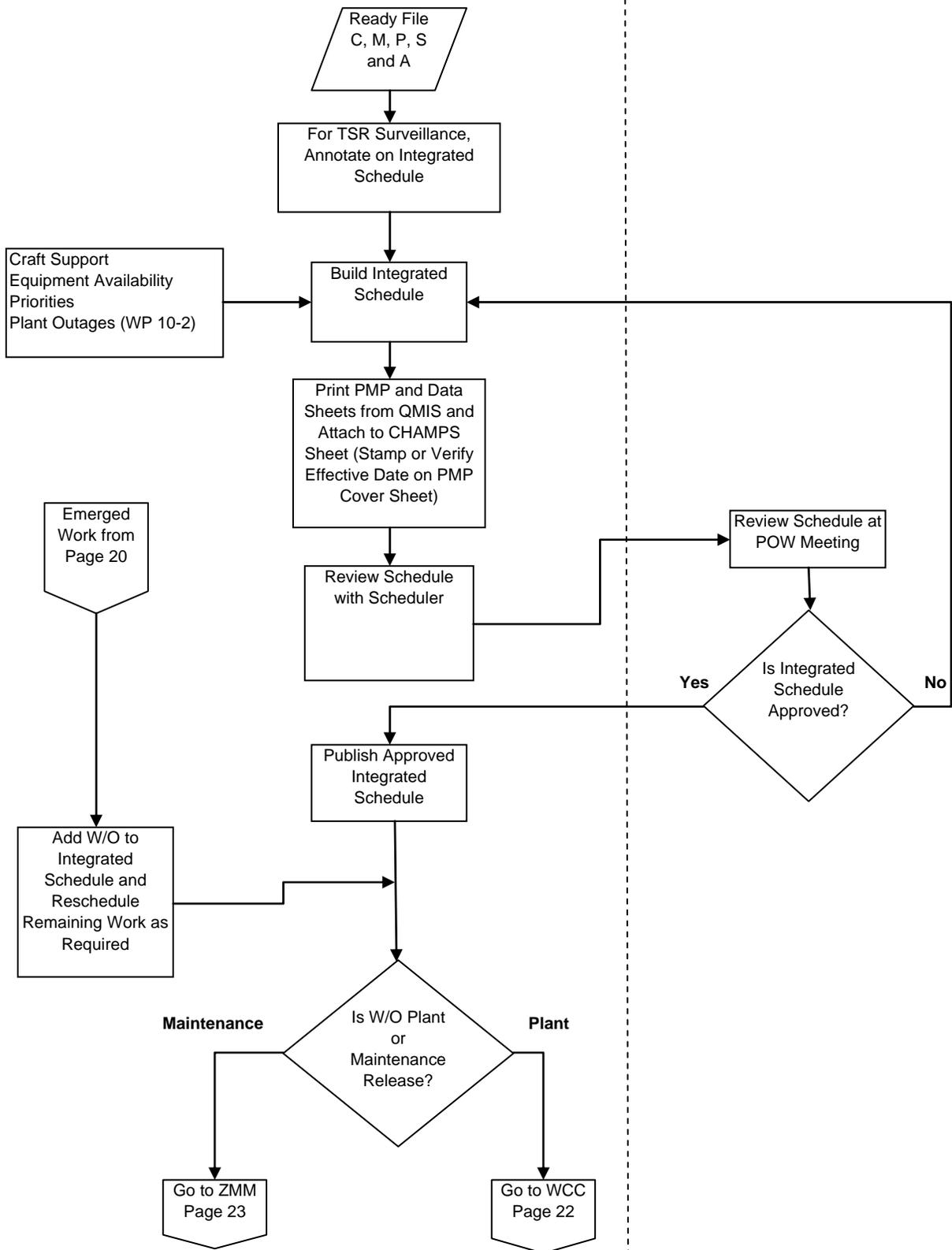
MATERIAL

COGNIZANT ENGINEER OR M/E

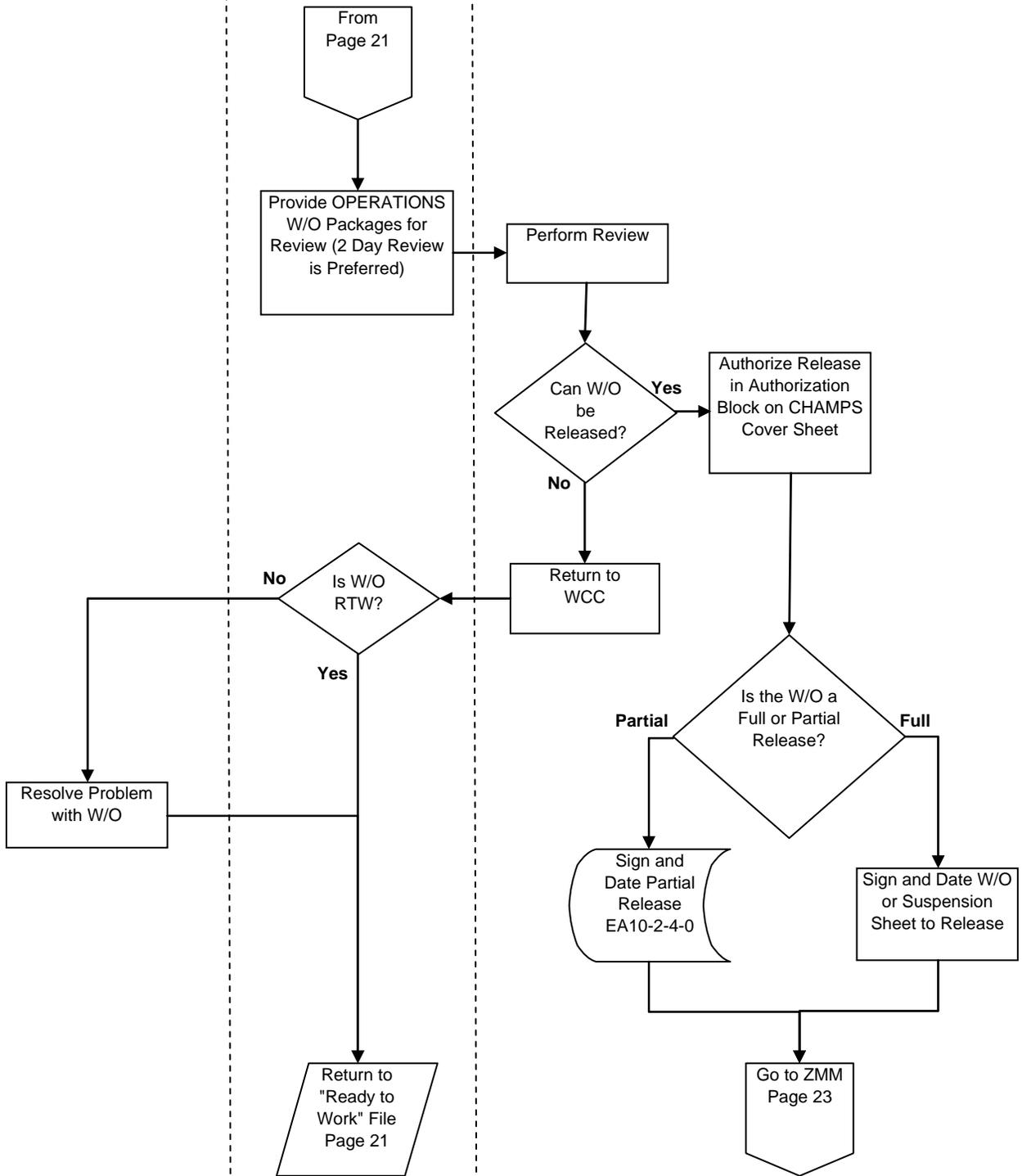


SCHEDULING MODULE

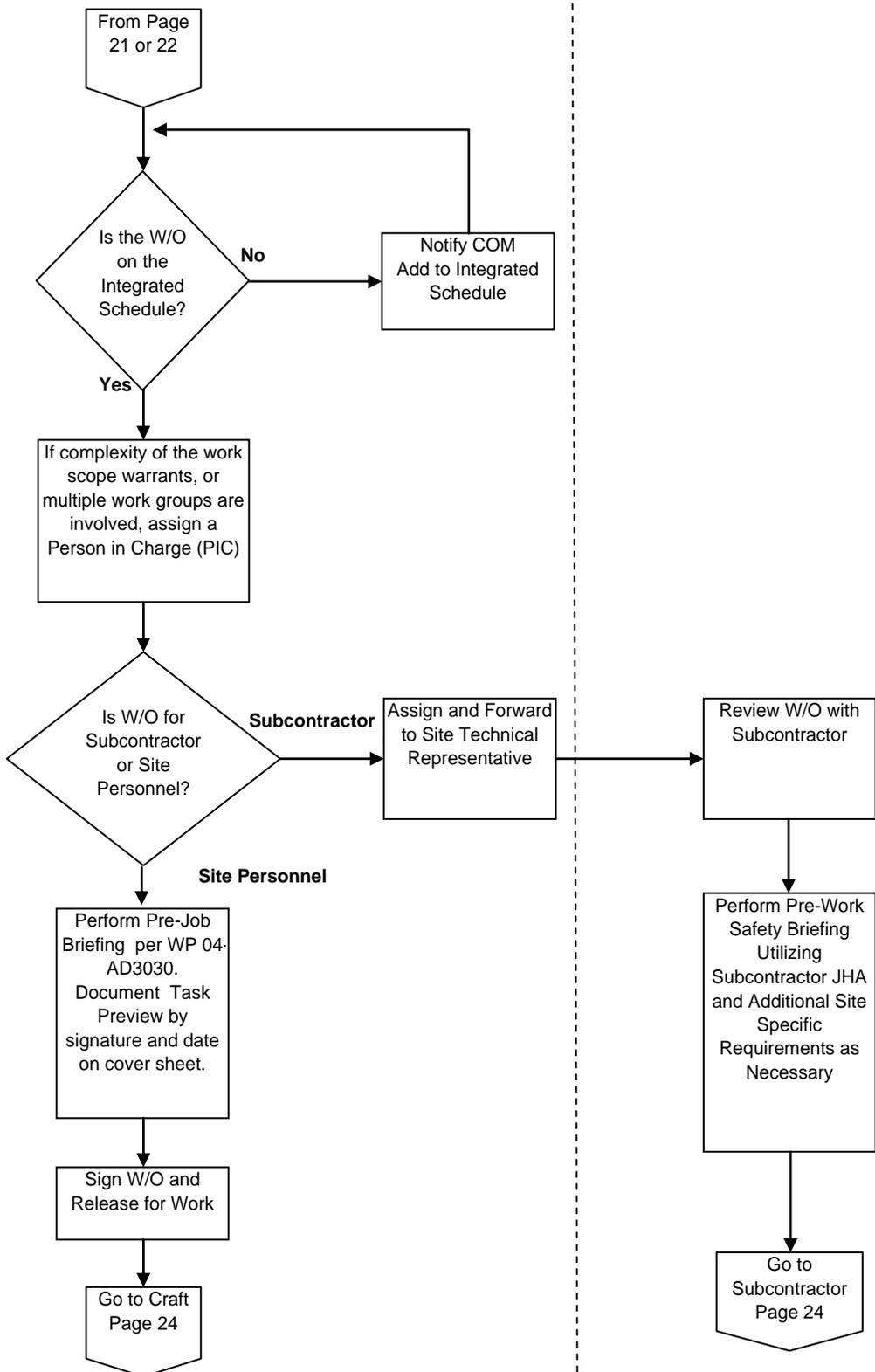
WORK CONTROL CENTER OPERATIONS



WORK RELEASE MODULE

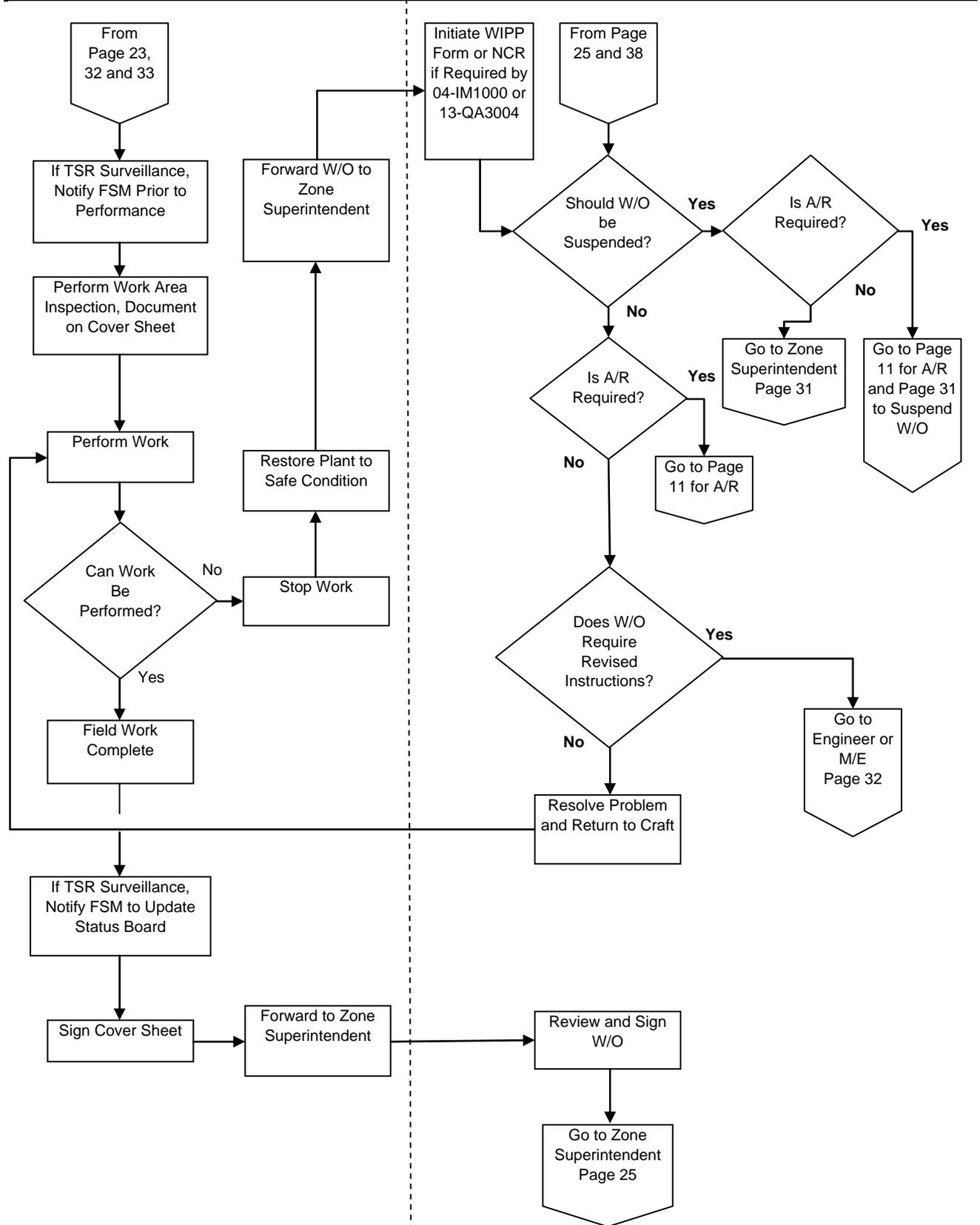


ZONE MAINTENANCE MANAGER **SITE TECHNICAL REPRESENTATIVE**

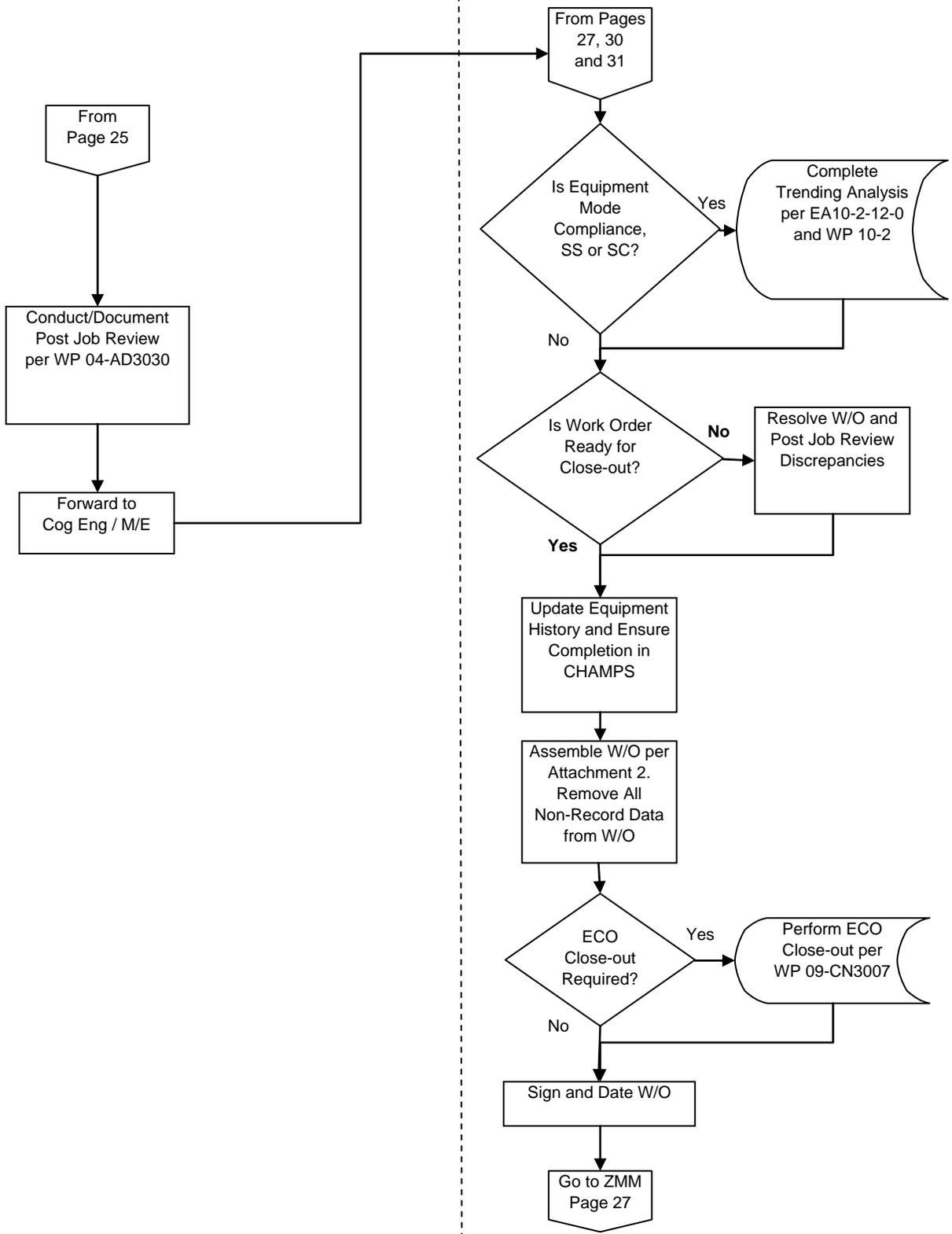


WORK PERFORMANCE

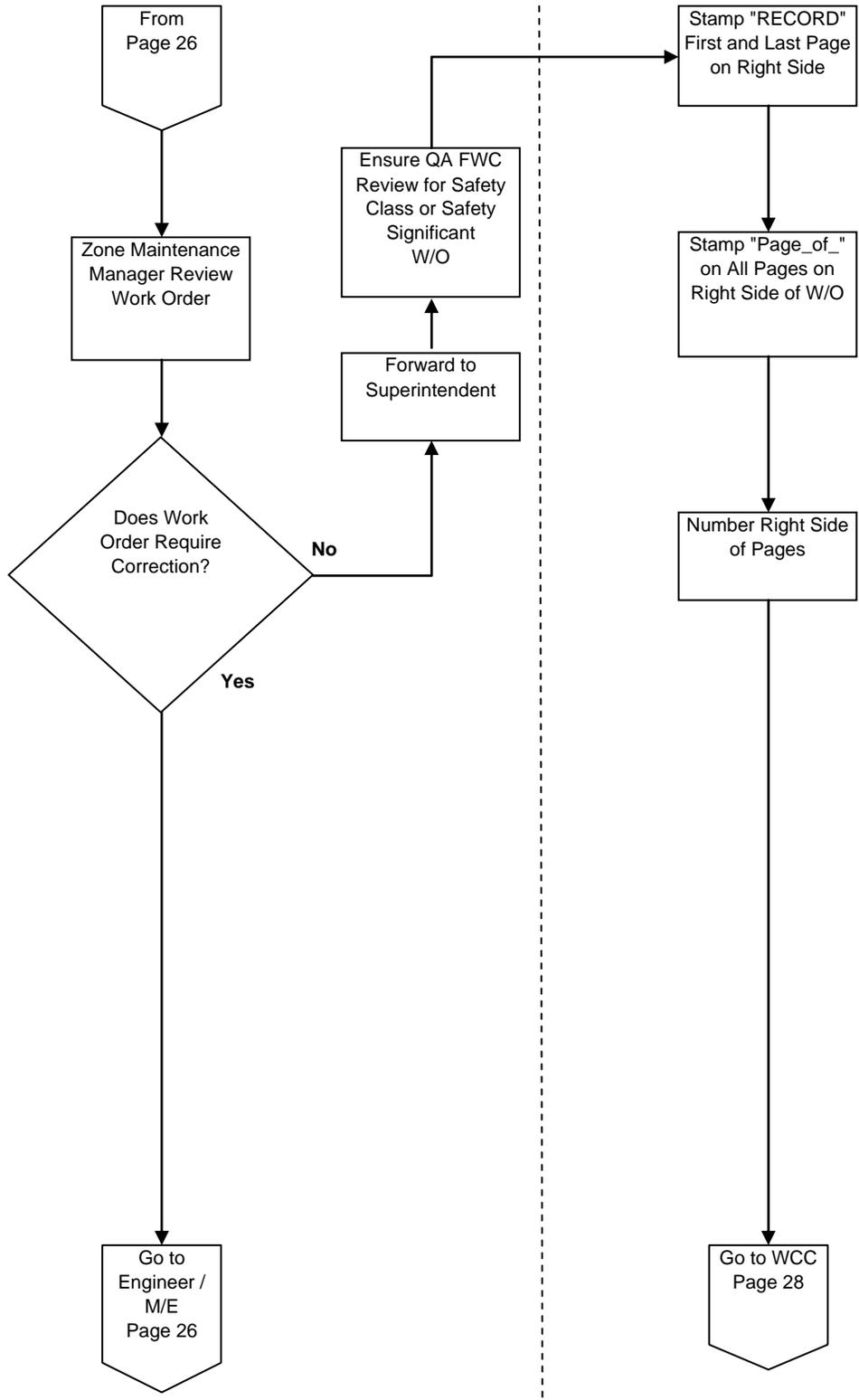
CRAFT / SUBCONTRACTOR ZONE SUPERINTENDENT



CLOSE-OUT

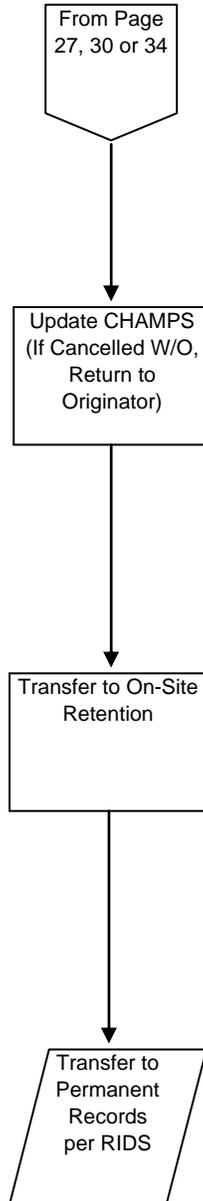


CLOSE-OUT



CLOSE-OUT

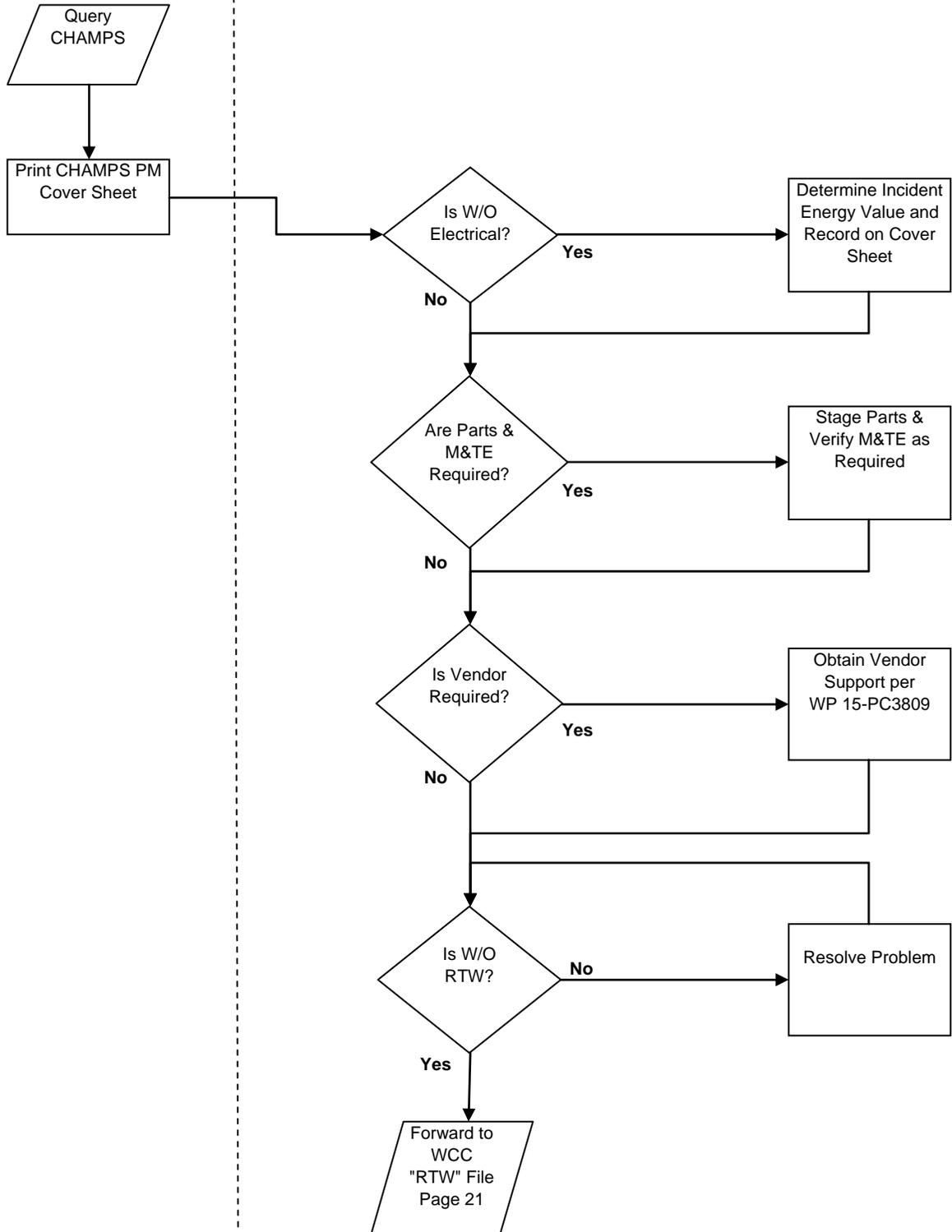
WORK CONTROL CENTER



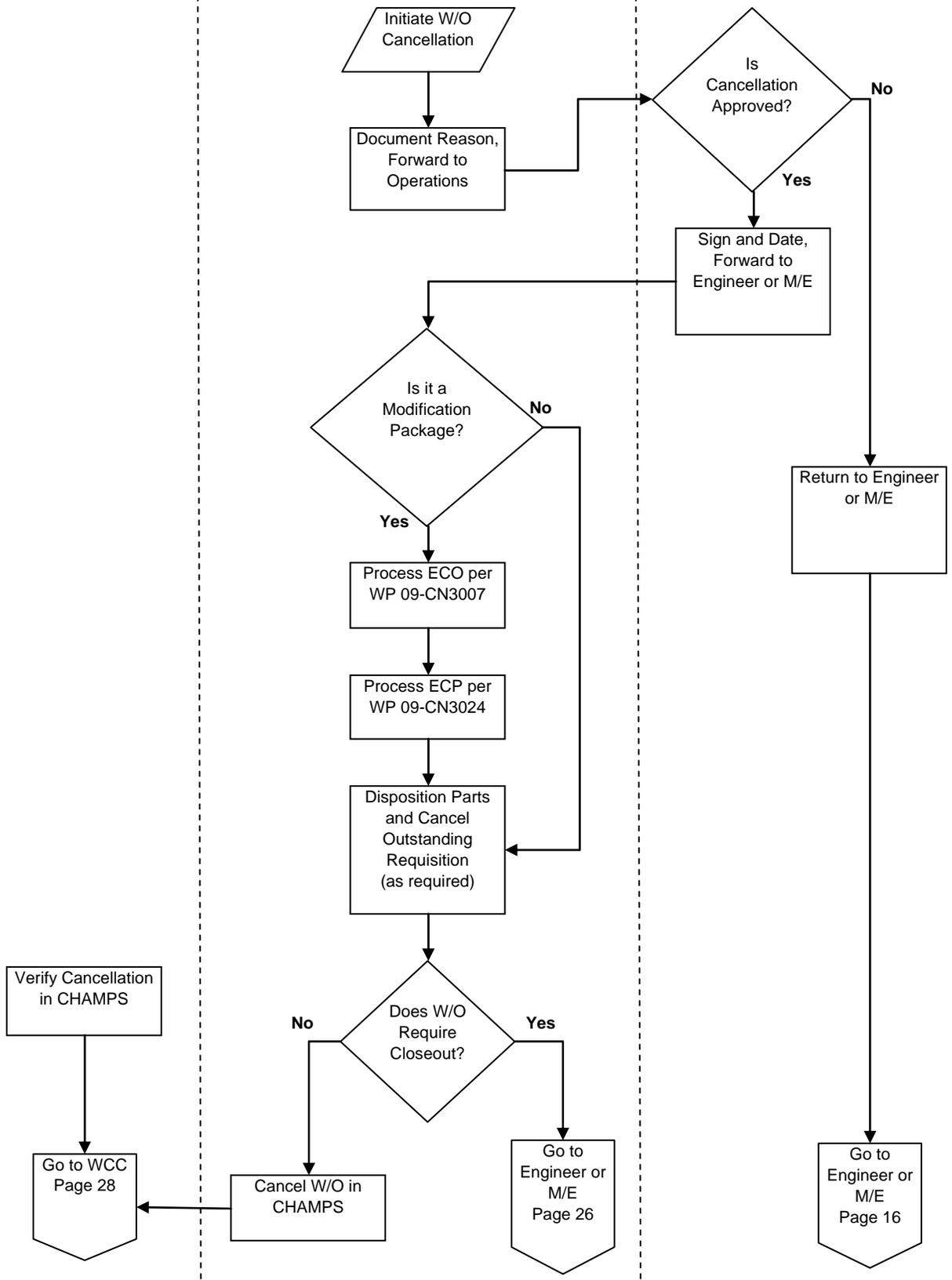
PM & PDM

WCC

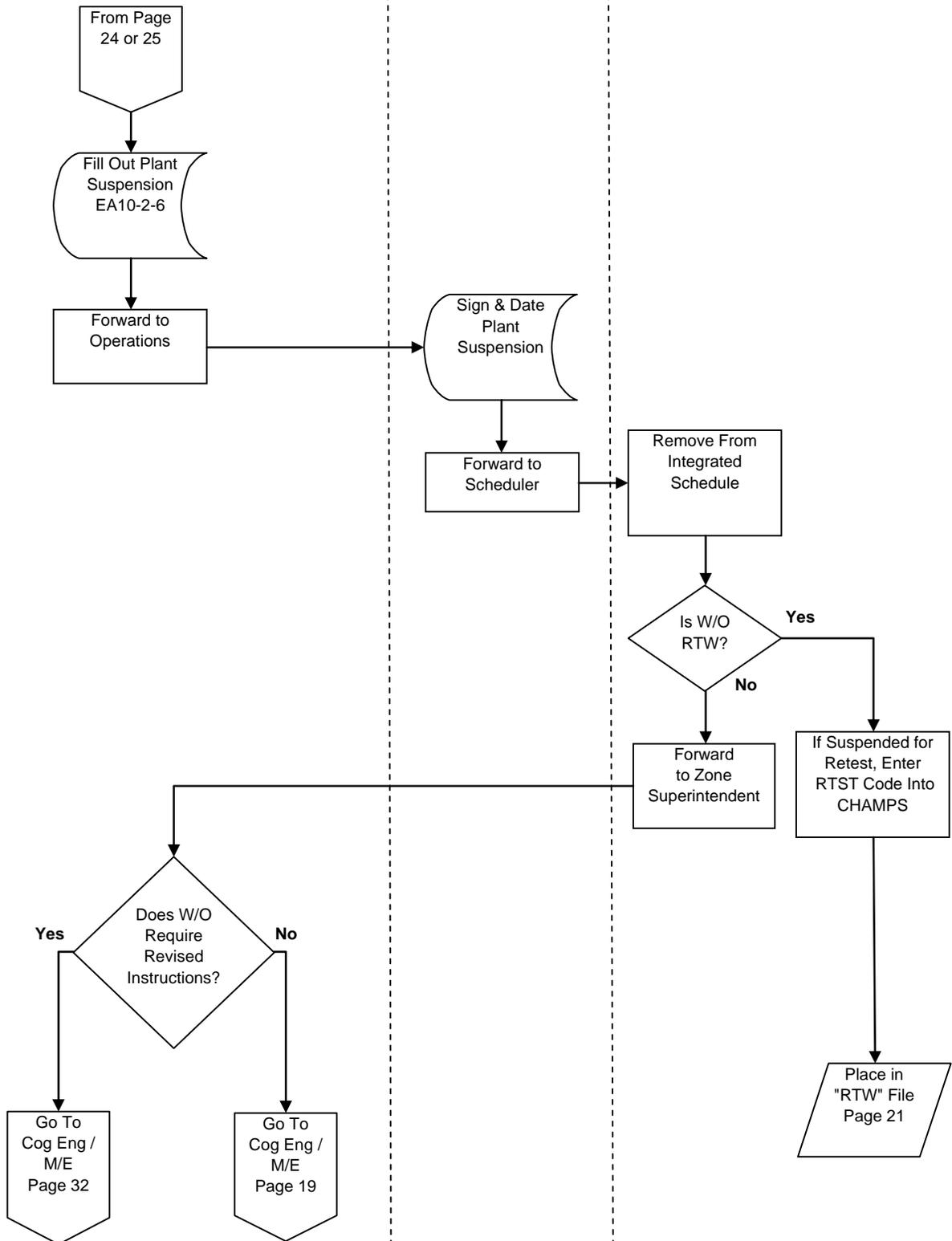
M/E



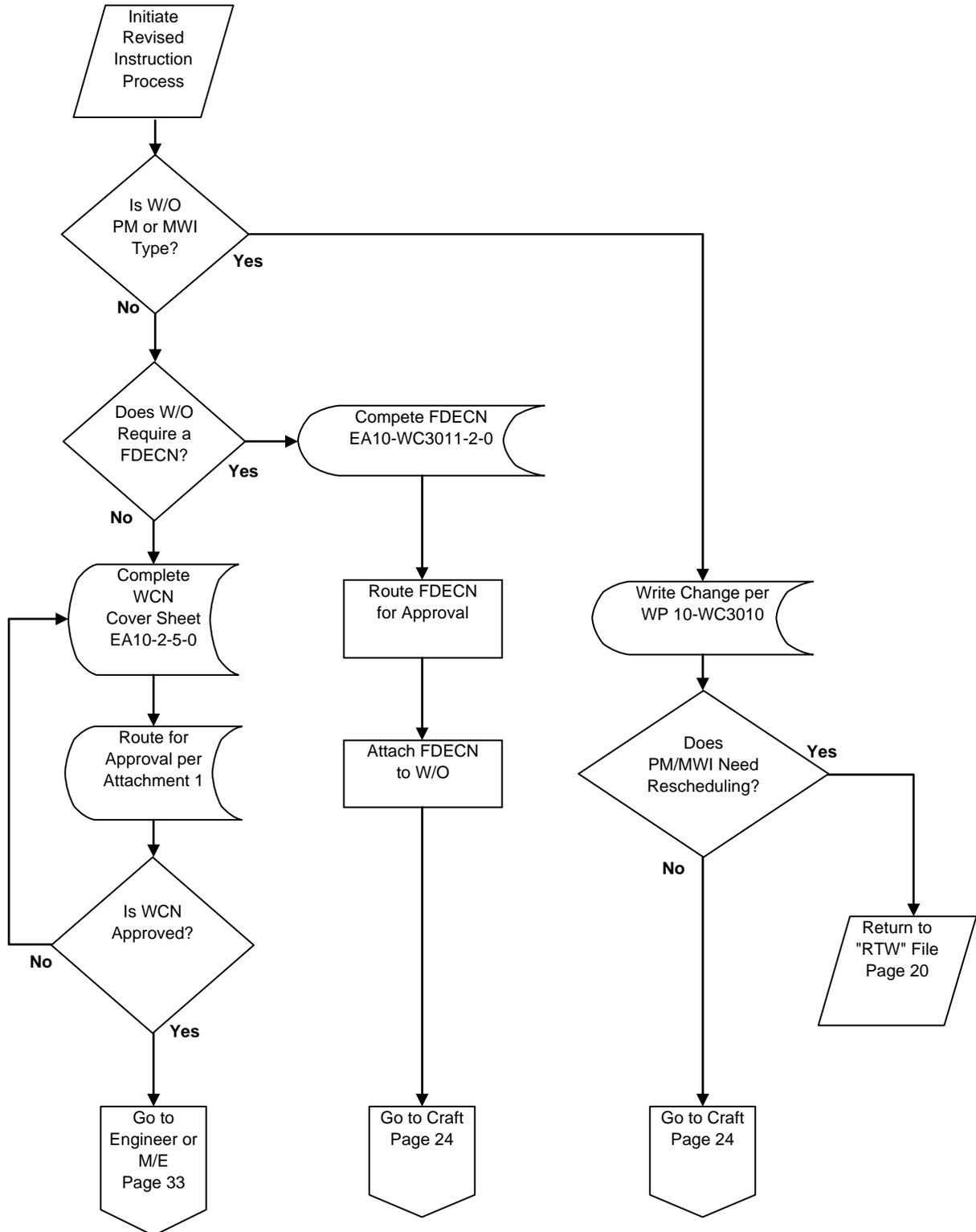
WORK ORDER CANCELLATION



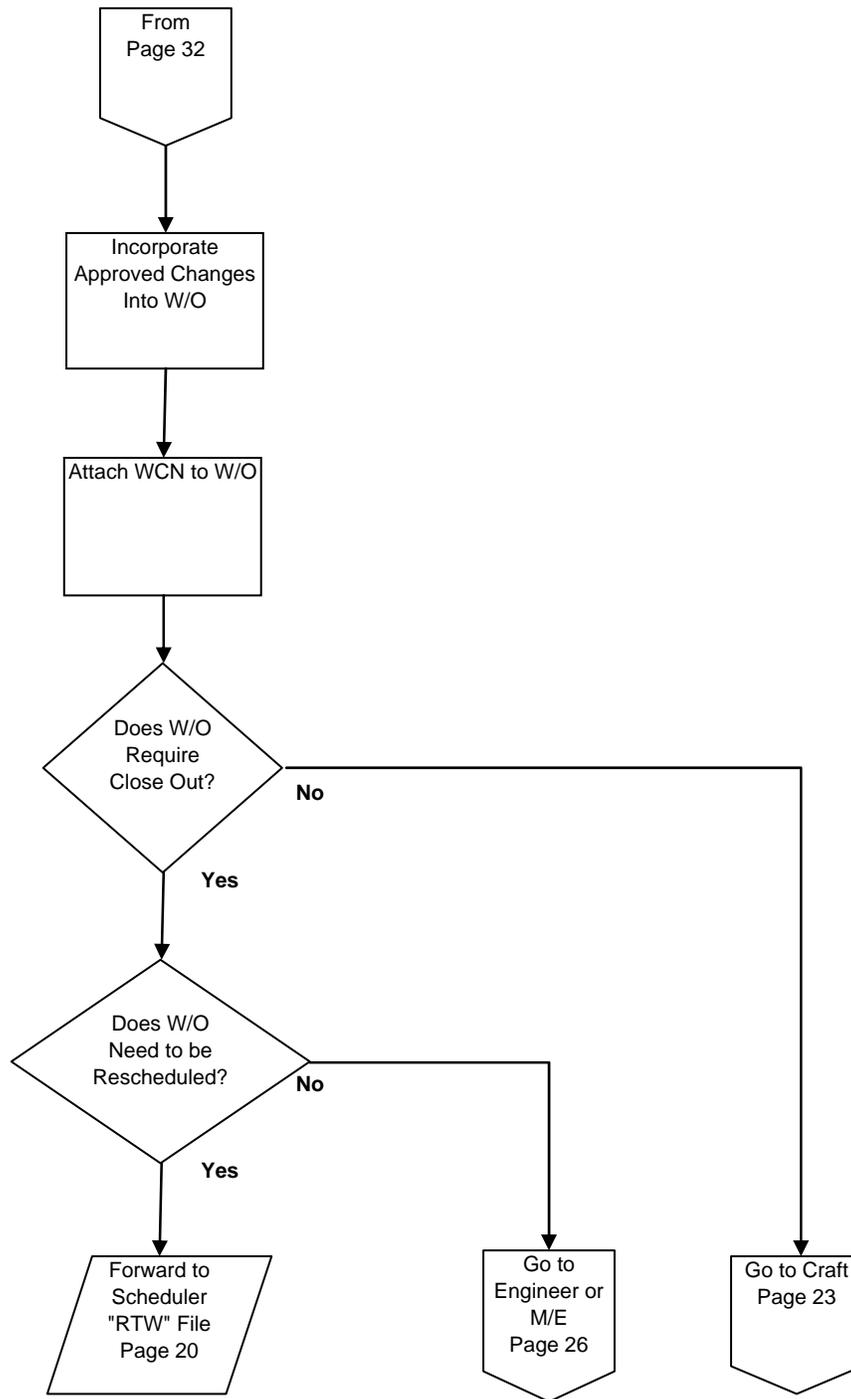
WORK SUSPENSION



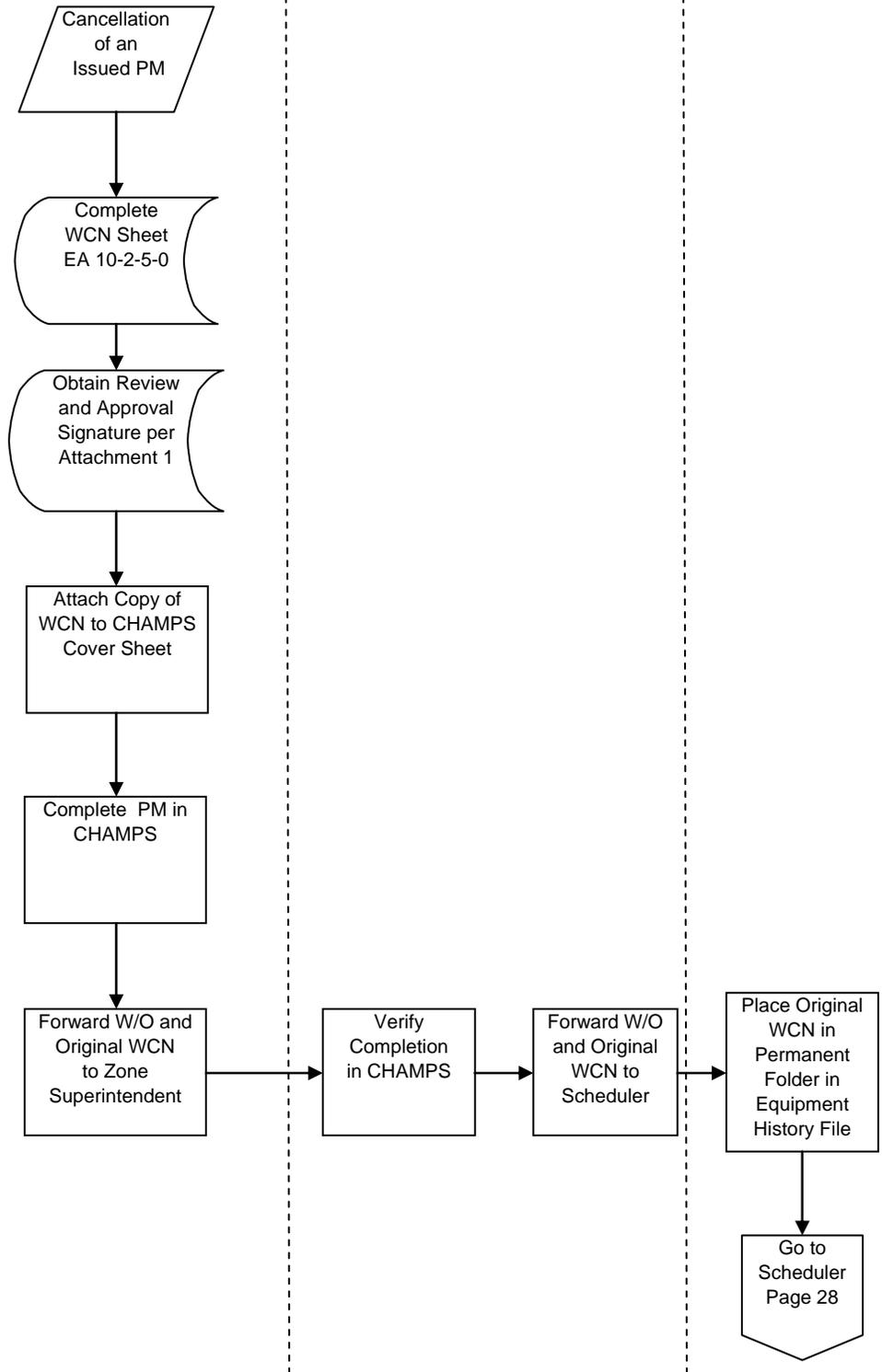
**WORK INSTRUCTION REVISION
COGNIZANT ENGINEER OR M/E**



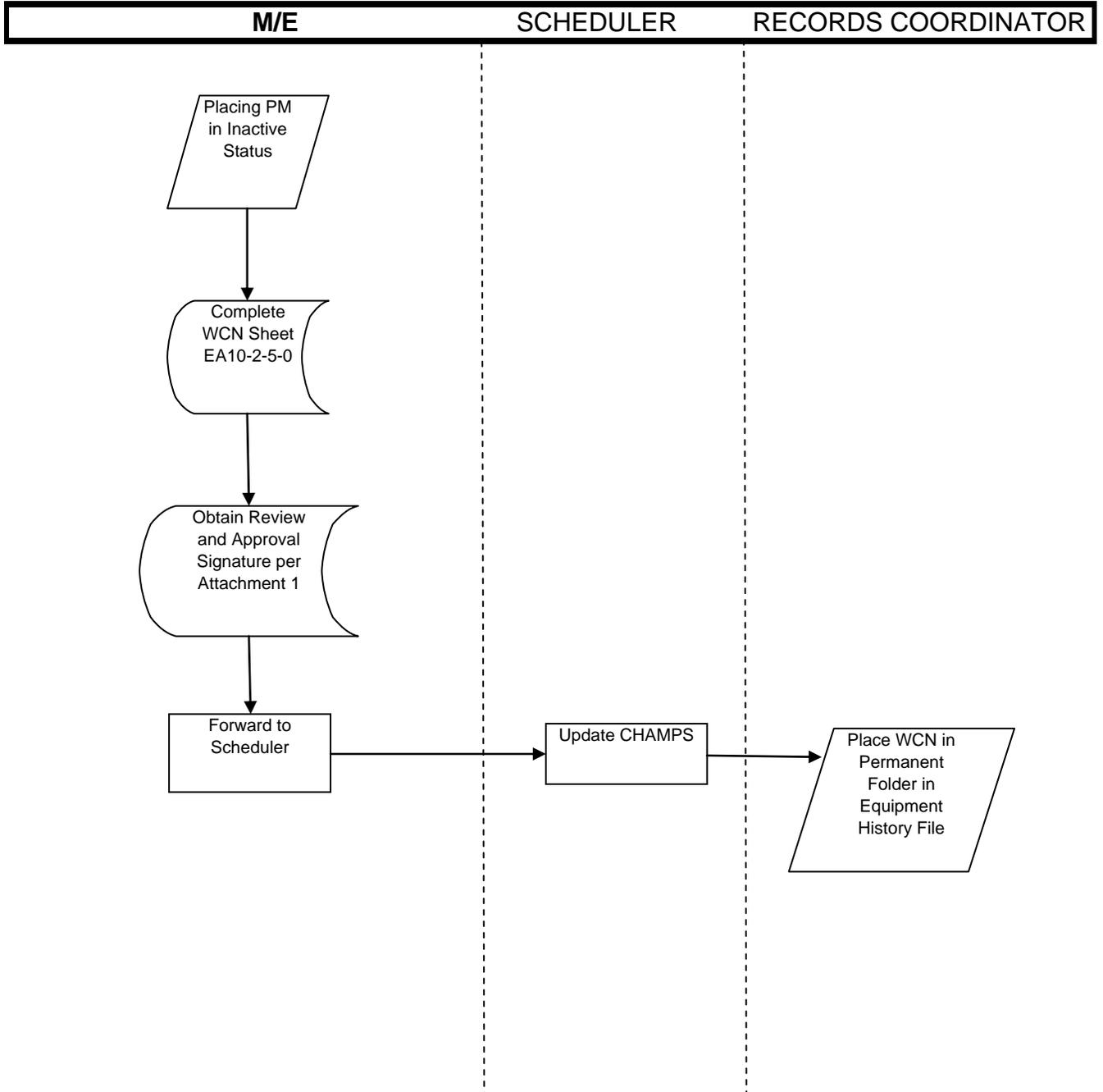
WORK INSTRUCTION REVISION
COGNIZANT ENGINEER OR M/E



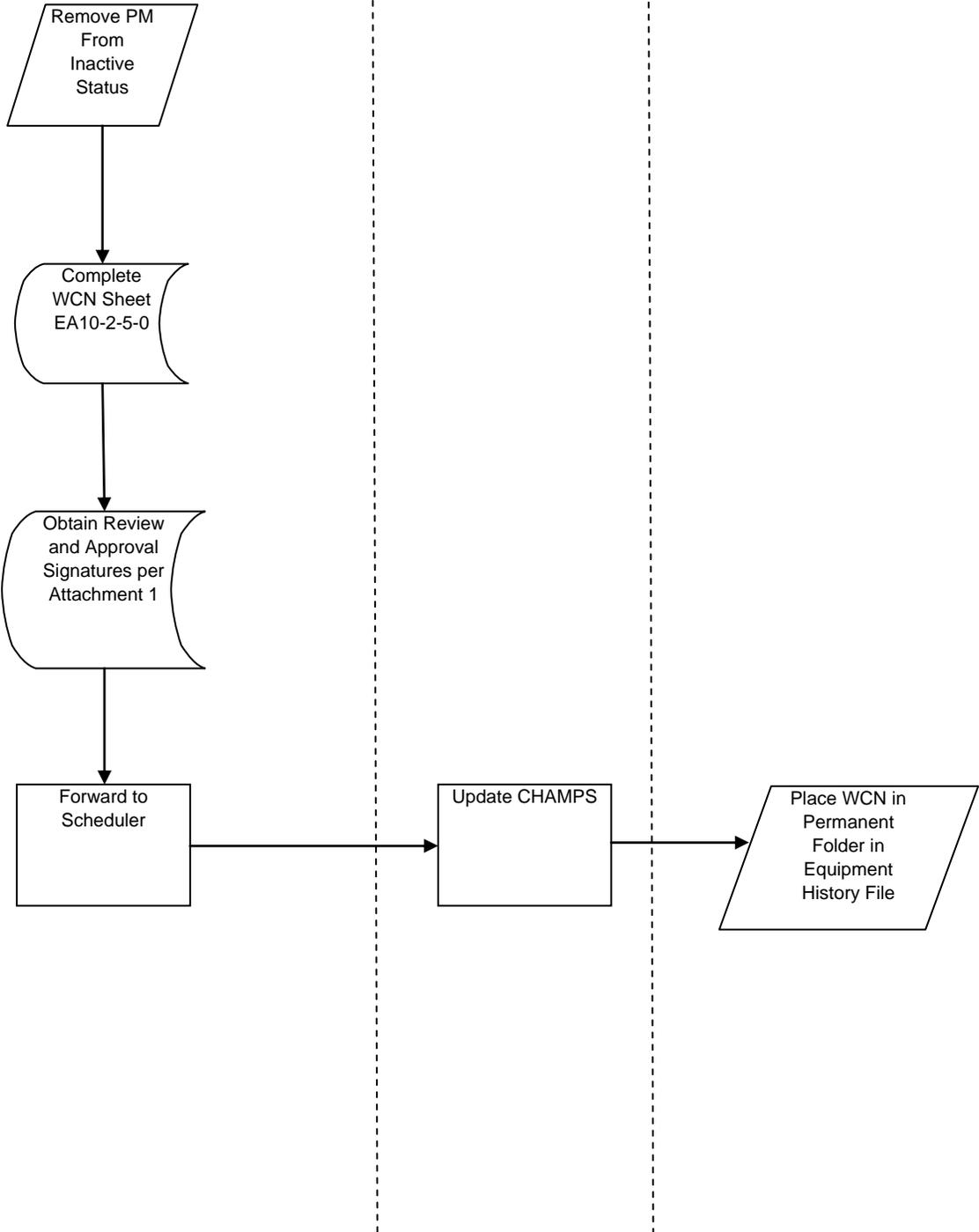
CANCELLATION OF ISSUED PM



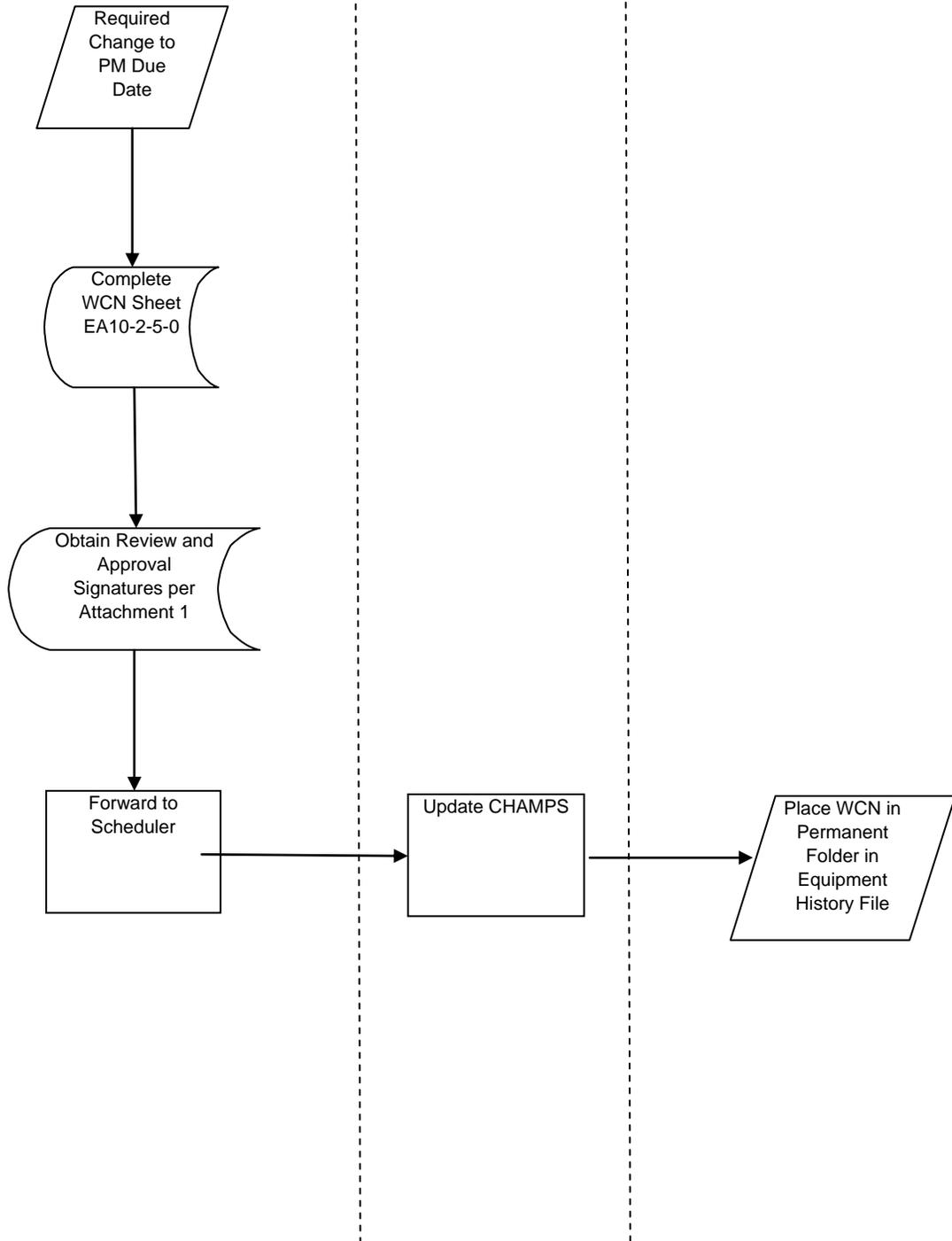
PLACING PM ON INACTIVE STATUS



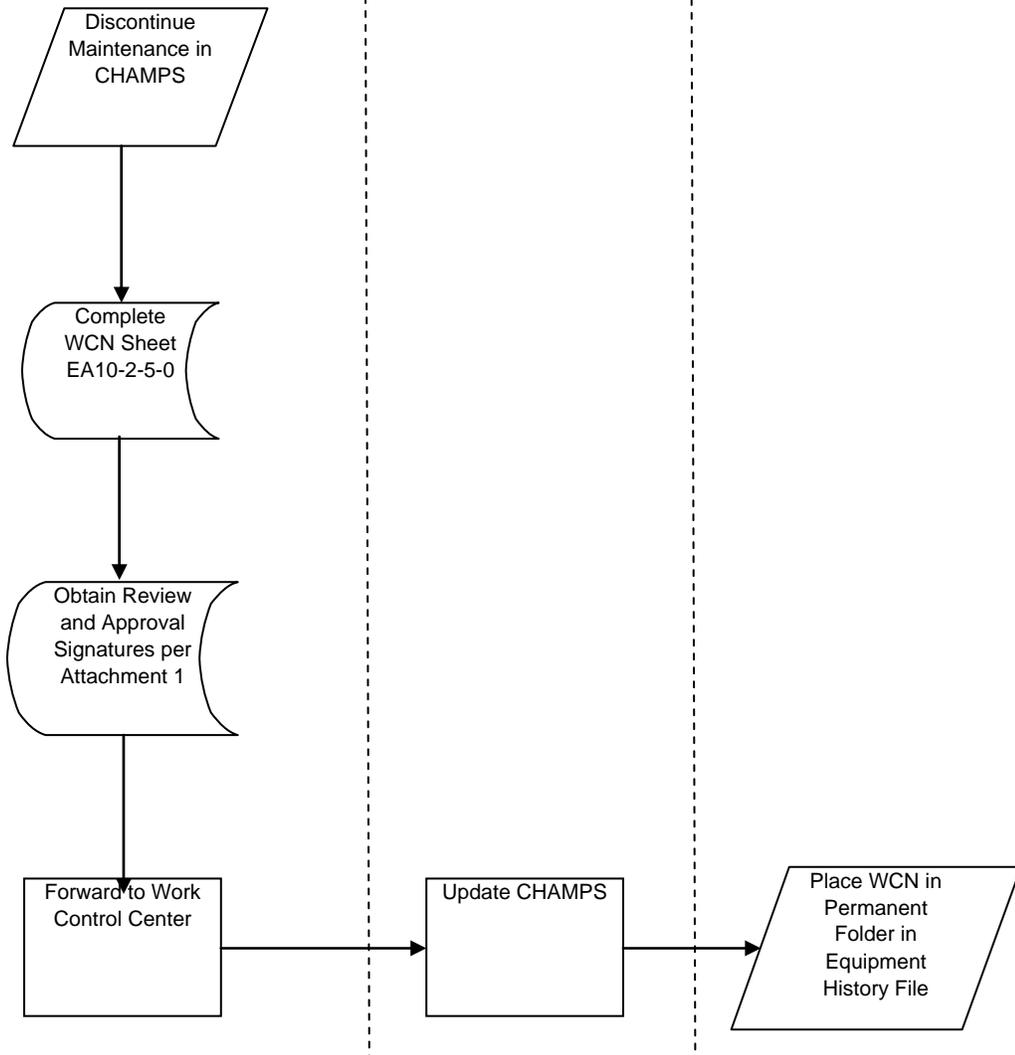
REMOVE PM FROM INACTIVE STATUS



CHANGING PM DUE DATE

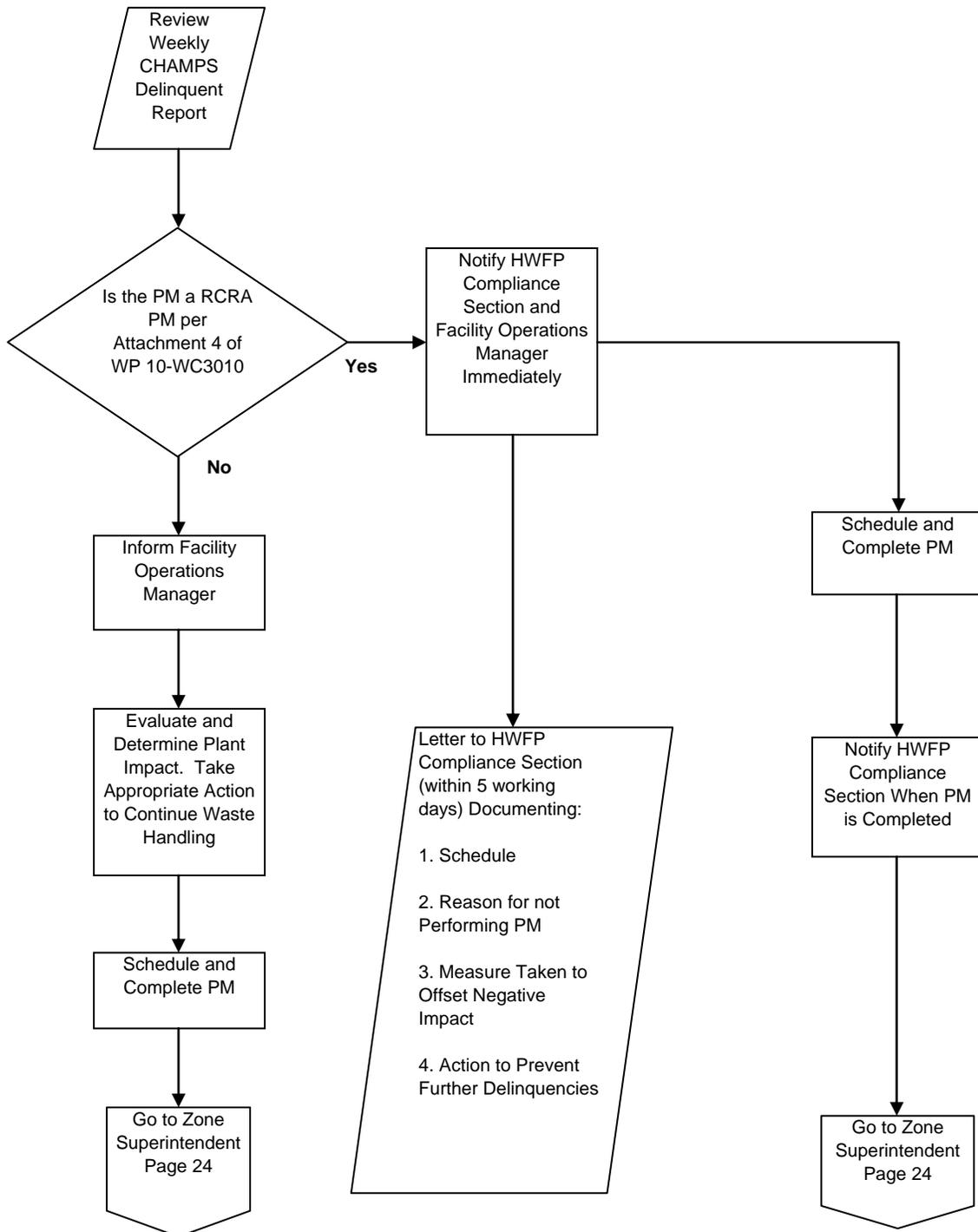


DISCONTINUE MAINTENANCE IN CHAMPS



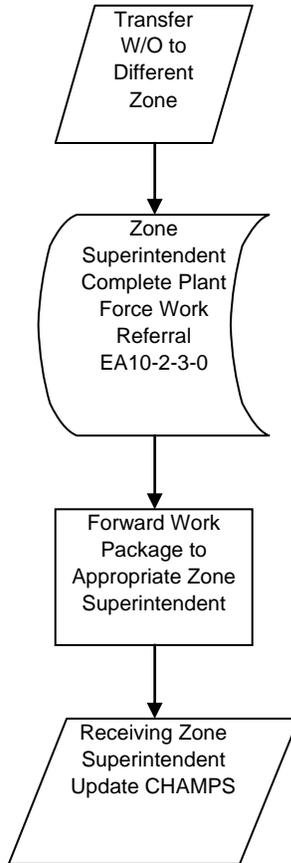
DELINQUENT PM ADMINISTRATION

MAINTENANCE MANAGER



PLANT FORCES WORK REFERRAL

ZONE SUPERINTENDENT



Attachment 1 – Review and Approval Matrix

TYPE OF W/O	QA	CE	ME	CH/RH RADCON	ALARA	FPE	HWFP	MM/ MOM	IH	IS	S/U	CRAFT	ZS	ZMM	USQ
"C" Type W/O	See NOTE 1	See NOTE 10	XX	See NOTE 8	See NOTE 2	See NOTE 3			See NOTE 9	See NOTE 4		See NOTE 11	XX	See NOTE 11	See NOTE 13
"M" Type W/O	See NOTE 1	See NOTE 12	XX	See NOTE 8	If Req'd NOTE 2	See NOTE 3			See NOTE 9	See NOTE 4	See NOTE 7	XX	XX	XX	See NOTE 13
"A" Type W/O		See NOTE 12	XX			See NOTE 3					See NOTE 7		XX	XX	See NOTE 13
"S" Type W/O	See NOTE 1		XX			See NOTE 3									See NOTE 13
PLACING PM INACTIVE		XX					See NOTE 5	XX						XX	
REMOVING PM FROM INACTIVE		XX					See NOTE 5							XX	See NOTE 13
CHANGING PM DUE DATE		XX					See NOTE 5	XX						XX	
CANCEL ISSUED PM W/O		XX					See NOTE 5	XX						XX	
DISCONTINUE MAINTENANCE		XX					See NOTE 5	XX						XX	
WCN EDITORIAL CHANGES														XX	
WCN/FDENC	As determined by Zone Maintenance manger (see Note 6 and 13)														See NOTE 13

NOTE 1 REFER TO QA GRADED APPROACH DATABASE PER WP 09-CN3005. ALL SS AND SC CORRECTIVE WORK ORDERS AND MODIFICATION, EXCLUDING MWIS MUST BE REVIEWED BEFORE WORK RELEASE AND BEFORE FINAL CLOSEOUT.

NOTE 2 WHEN PROPOSED WORK INVOLVES RADIOACTIVE SOURCES/RADIOACTIVE MATERIAL OR EQUIPMENT/ITEMS POTENTIALLY EXPOSED TO RAD MATERIAL OR RADIOLOGICAL AREA.

NOTE 3 WHEN PROPOSED WORK IS ON A FIRE PROTECTION SYSTEM.

NOTE 4 INDUSTRIAL SAFETY SHALL REVIEW PACKAGES FOR ALL MODIFICATION (M) AND CORRECTIVE (C) WORK ORDERS THAT DO NOT UTILIZE AN MWI.

NOTE 5 IF PROCEDURE IS LISTED IN WP 10-WC3010, ATTACHMENT 4.

NOTE 6 WCNs TO WORK ORDERS WHICH WERE RELEASED BY THE COM REQUIRE COM APPROVAL.

NOTE 7 AS REQUIRED BY WP 09-SU.01.

NOTE 8 WHEN PROPOSED WORK IS IN A RADIOLOGICAL AREA.

NOTE 9 INDUSTRIAL HYGIENE SHALL REVIEW PACKAGES WITH THE FOLLOWING HAZARDS DESCRIPTIONS CHEMICALS TEMPERATURE, CONFINED SPACE, SANITATION, AND BIOHAZARDS.

NOTE 10 FOR GROUND CONTROL AND MINING CORRECTIVE PACKAGE OBTAIN COGNIZANT ENGINEER'S CONCURRENCE, EXCLUDING MWI.

NOTE 11 WHEN MULTIPLE DISCIPLINES ARE REQUIRED TO COMPLETE A WORK TASK, THE CRAFT AND ZONE MANAGERS OF EACH GROUP WILL REVIEW THE WORK PACKAGE.

NOTE 12 REVIEW REQUIRED BY COG ENGINEER FOR ALL SYSTEMS/SUBSYSTEMS INVOLVED IN MODIFICATION.

NOTE 13 IF ITEM IS NOT EXEMPT FROM USQ PROCESS, PROVIDE SCREENING/EVALUATION AS REQUIRED BY WP 02-AR3001. CHANGING TECHNICAL CONTENT OF RELEASED W/O WILL REQUIRE AN ADDITIONAL USQ SCREENING.

Attachment 2 – Maintenance Engineer, Zone Superintendent, and Zone Maintenance
Manager Closeout Checklist

Ensure the following applicable record documentation is inserted into the right side of
the work package IN THIS ORDER:

"C" or "M" Type Work Order:

Work Order Cover Sheet

C - M Action Request

C - M Work Change Notice

C - M Partial Release

C - M Work Suspension Sheet

C - M Work Instructions (including Post Job Review)

C - M Any required vendor qualification

M Number Request (if applicable)

C - M Any applicable permits

C - M WIPP Plant Forces Referral Form

C - M Trending Analysis Mode Compliance Equipment

M Modification Impact Sheet

M Field Directed Engineering Change Notice

C - M Hazard Identification Checklist or Hazard Summary

PM work order packages will contain the following:

CHAMPS Cover Sheet

Data Sheets

WP 10-WC3010, Temporary Revision Notice (if required)

"S" Type Work Order:

Work Cover Sheet

Action Request/Attachment (if applicable)

"A" type work order:

Work Cover sheet

Action Request

Modification Impact Sheet

Turnover Checklist

Attachment 2 - Maintenance Engineer, Zone Superintendent, and Zone Maintenance Manager Closeout Checklist (cont.)

Review for the following signatures and data:

- Craft
- Machine History Data
- Cause and Effects Codes
- Proper Release
- Lockout/Tagout
- Retest Acceptance
- Engineering Change Order Verification

Attachment 3 – Zone Superintendent, and Zone Maintenance Manager, Review for Ready to Work Checklist

The following items shall be reviewed during Ready to Work review:

- Simon Format adequate
- Lockout/Tagout adequate
- Retest adequate for work performed
- All signature blocks complete or N/A per Attachment 1
- All hazards identified in work package are mitigated
- USQ screening/evaluation or exemption complete

Attachment 4 – Pre-Job Briefing Checklist

If a pre-job briefing is necessary per WP 04-AD3030, applicable items below may be discussed.

- Ensure all personnel performing the work or who are exposed to any identified hazards are given a pre-job brief
- Scope of the work to be performed
- Working conditions at job site including any DSA/TSR concerns
- Hold points (Radiological, Quality Assurance, etc.)
- Lock and tag
- Communications/coordination with other groups
- Special waste handling concerns
- Coverage of safety planning requirements: permits, instructions, personal protective equipment (PPE)
- Radiological hazards
- Housekeeping and final cleanup
- Conduct Electrical Safety Brief per WP 12-IS.01, Industrial Safety Program
- Hazards identified in work package
- Ground Control Hazards

Attachment 5 – Skill of the Craft/"C" Work Order Determination Check Sheet

	YES	NO
1.. Is skill of the Craft Hazard Assessment available for activity?		
2. Is activity within a confined space?		
3. Are multiple zones required to perform activity?		
4. Is RWP required for activity?		
5. Does the activity fall within scope of Qualification Program?		
6. Will written instruction be attached?		
7. Is it estimated that more than 10 clock hours will be required to complete the activity? (Shop work and mobile equipment are excluded.)		
Note: Exclusion of this requirement at discretion of manager is allowable.		
8. Will more than one attachment to the CHAMPS cover sheet be required? (The A/R does not count as an attachment.)		
9. Is item/activity Management Level 1 or 2? (In accordance with Graded Approach Database.)		
10. Will activity require Hold Point(s)/Witness Point(s)?		
11. Will activity potentially introduce a new waste not currently managed?		
12. Is item/activity safety significant or safety class?		

Any answer in shaded area requires Corrective Maintenance activity be performed utilizing a "C" Work Order.

IF A/R meets the criteria for a Skill of the Craft work order and is a plant modification, THEN process as "A" type work order.

Attachment 6 – Request for Maintenance and Release Authorization

Request for maintenance on equipment and facility deficiencies shall be submitted via the Facility Shift Manager (FSM).

Table (1) shall be used to determine Maintenance/Action Request notification and Work Order Release Authority. "A" Type work orders and work orders with Lockout/Tagout requirements shall be released by the COM. The releasing authority is responsible for the completion of retest requirements.

Table 1 – Notification and Work Release Authority Matrix

FACILITY OR EQUIPMENT	RELEASE AUTHORITY
Safety Systems	COM
Impact to Operations	COM
Control Indicators or Alarms	COM
Plant Installed with No Impact to Operations**	ZMM
Programmatic with No Impact to Operations***	ZMM
Other with No Impact to Operations****	ZMM

** Installed Equipment: Mechanical and electrical systems installed as part of basic building construction and essential to the normal functioning of the facility and its intended use. Examples: Heating, Ventilation, and Air Conditioning (HVAC) systems, elevators, and communications systems.

*** Programmatic Equipment: Equipment (both real and personal) dedicated for a specific programmatic use. Examples: Accelerators, microscopes, radiation detection equipment, glove-boxes, and hot-cells. Also included as WIPP-specific: Portable Power Centers

**** Other Equipment: Examples provided in DOE O 433.1. Examples: Office machines, vehicles, mobile equipment, computers, and other automated data processing equipment.

Attachment 7 – Priority System Currently Being Utilized

Priority	Description	Response
E Emergency	<p>Require immediate maintenance action to:</p> <ul style="list-style-type: none"> Prevent or mitigate consequences of an accident. Prevent release of radioactive material to the environment. Protect human life and/or property. Prevent or mitigate environmental excursions. Restore ability of operator to obtain critical operating information or functions. <p>Resulting emergency procurement actions require approval as required by Purchase Requisitioning procedure.</p>	<ul style="list-style-type: none"> Begin work immediately. Provide special coverage as needed. Planning and completion of Work Order performed as soon as possible. When the emergency situation is stabilized work must cease and all applicable documentation brought up to date. Planning activities and approvals must be completed before proceeding with restoration of the SSC.
1 Urgent	<ul style="list-style-type: none"> Work required to satisfy LCO of 72 hours or less. Work on SSCs with high potential for near term significant impact on health and safety of site personnel or general public, environment, or plant reliability. <p>Resulting emergency procurement actions require approval as required by Purchase Requisitioning.</p>	<ul style="list-style-type: none"> Begin Work Order planning immediately and complete prior to start of work. Begin work as soon as possible after planning and approval (unless work on hold for parts, Replacement Item Evaluation (RIE), permits, etc.
2 Primary	<ul style="list-style-type: none"> Work required to satisfy LCO of greater than 72 hours. Work on SSCs with high probability of impacting the plant's ability to maintain a system/function operable. 	<ul style="list-style-type: none"> Begin planning within 24 hours. Begin work as soon as possible after planning and approval.
3A Routine	<ul style="list-style-type: none"> Work to support facility mission. No imminent impact on reliability or safety. Deteriorating conditions could upgrade the priority. 	<ul style="list-style-type: none"> Perform planning and work as manpower and schedule allows.
3B Routine	<ul style="list-style-type: none"> Work to support facility mission. No imminent impact on reliability or safety. Deteriorating conditions would not impact the priority. 	<ul style="list-style-type: none"> Perform planning and work as manpower and schedule allows.
4A Non-Mission/Safety	<ul style="list-style-type: none"> Not required for facility mission or safety. (Example: Noted equipment deficiencies that are outside the current facility alignment.) 	<ul style="list-style-type: none"> Perform planning and work as required to support facility mission.
4B Unfunded	<ul style="list-style-type: none"> Use to prioritize conditions/deficiencies for which funding is not available or has not yet been identified. 	<ul style="list-style-type: none"> Performed as funding, manpower, and facility alignment permits.
5A Outage/PMP	<ul style="list-style-type: none"> Work required/needed to be accomplished during a scheduled system/process shutdown, outage, or planned maintenance period (PMP). <p>Adjust priorities as the schedule progresses.</p>	<ul style="list-style-type: none"> As directed by schedule.
5B Outage/PMP	<ul style="list-style-type: none"> Work highly preferred to be completed during a scheduled system/process shutdown, outage, or planned maintenance period. <p>Adjust as the schedule progresses.</p>	<ul style="list-style-type: none"> As directed by schedule.
5C Outage/P<P	<ul style="list-style-type: none"> Optional work to be accomplished during a scheduled system/process shutdown, outage, or planned maintenance period, time and resources permitting. <p>Adjust priorities as the schedule progresses.</p>	<ul style="list-style-type: none"> As directed by schedule.
6/6S Management Priority	<ul style="list-style-type: none"> Allows Management to expedite fieldwork normally assigned a lower priority. Must be approved by Site Operations and Disposal Manager (or designee) or higher Justification must be documented on Work Order. Need date for work completion should be provided. <p>6S applies to work involving personnel safety.</p>	<ul style="list-style-type: none"> Begin work as determined by management, but not prior to completion of work planning.