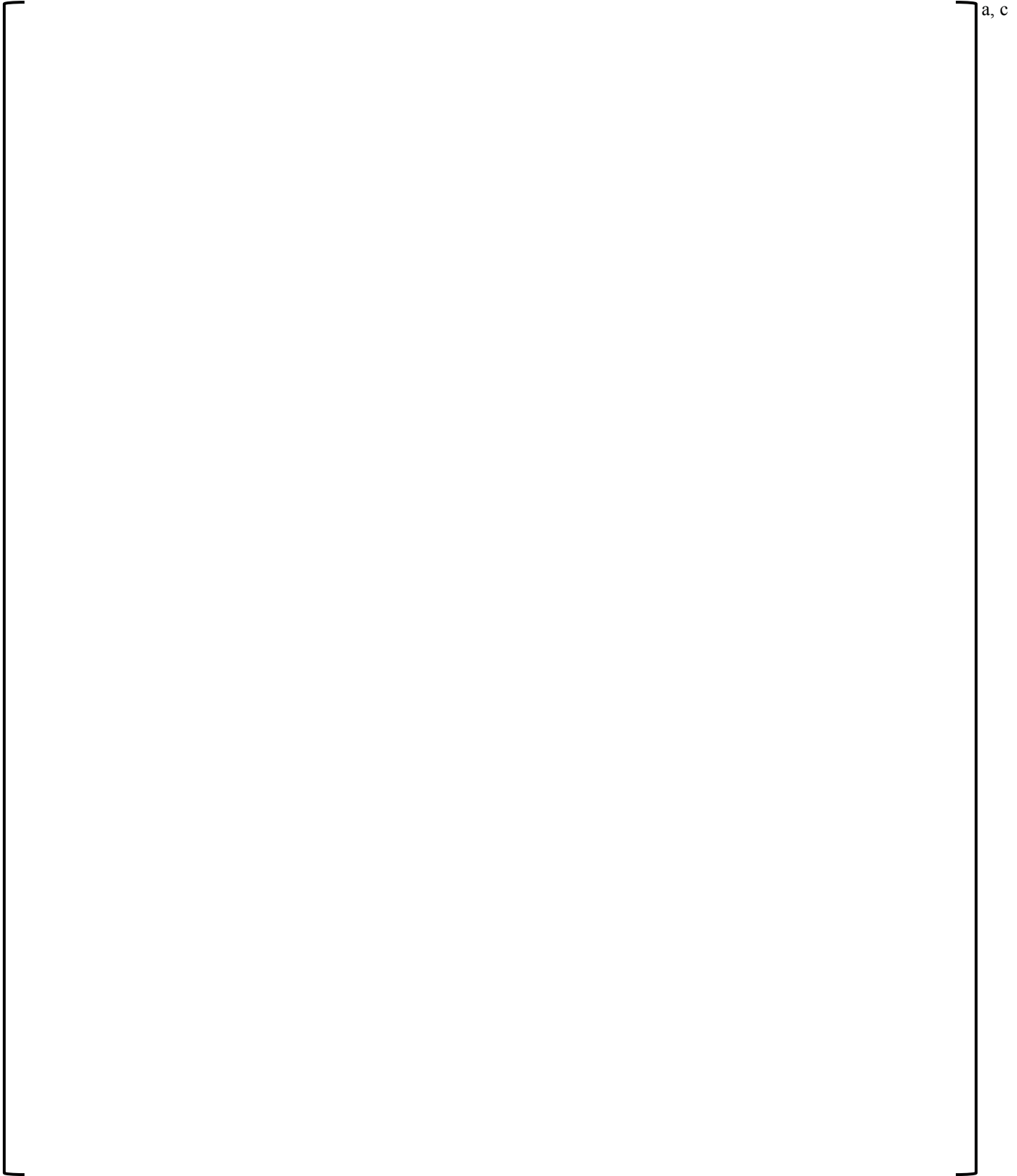


ENCLOSURE 10 to CAW-17-4551

V3&4 NRC ILT-2 Simulator Scenarios JPMs

(Non-Proprietary)

SHIFT TURNOVER



Reactivity Data Sheet	Date: today
Vogtle Unit 3	Shift: <input checked="" type="checkbox"/> Day <input type="checkbox"/> Night

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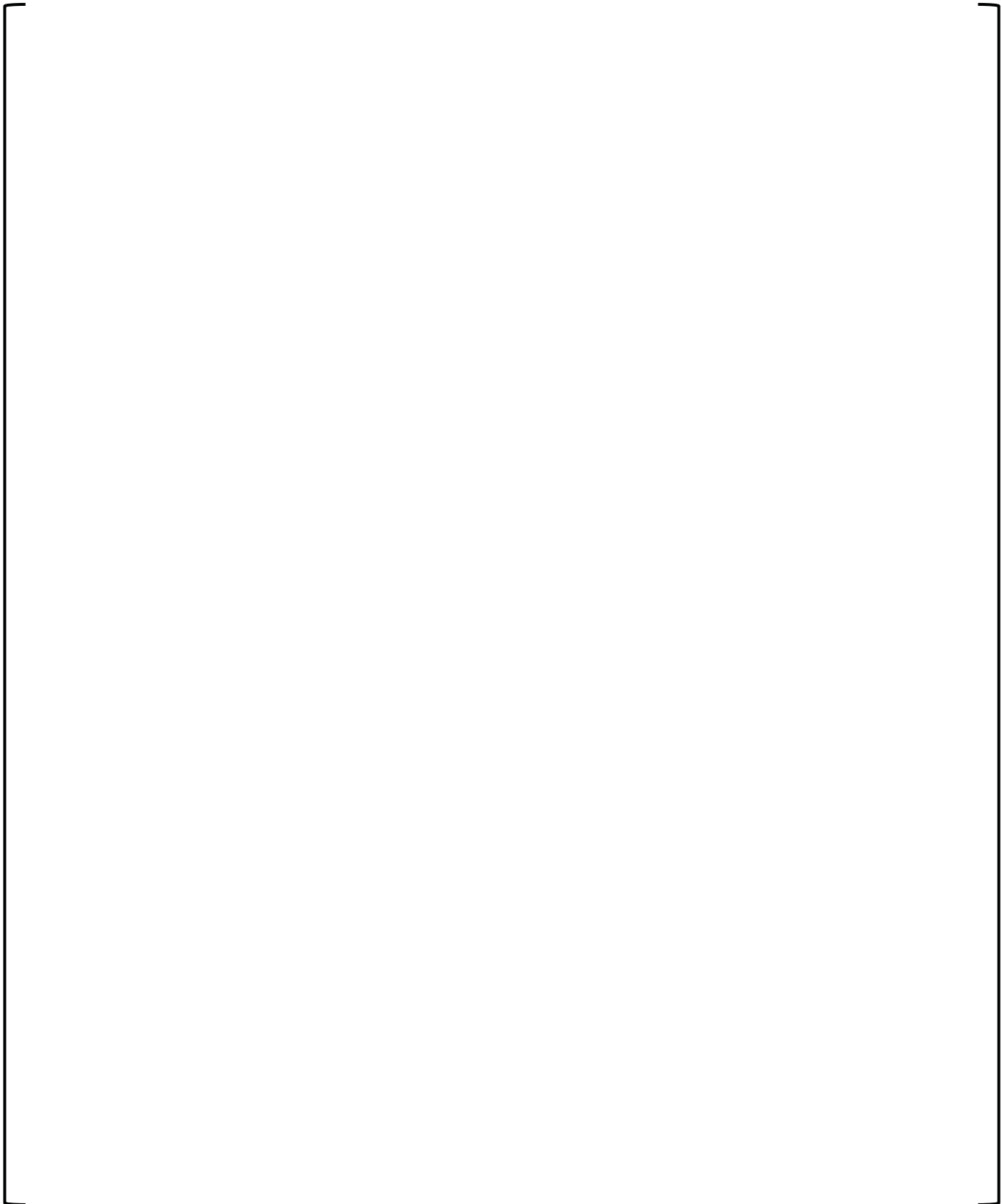
a, c

Appendix D

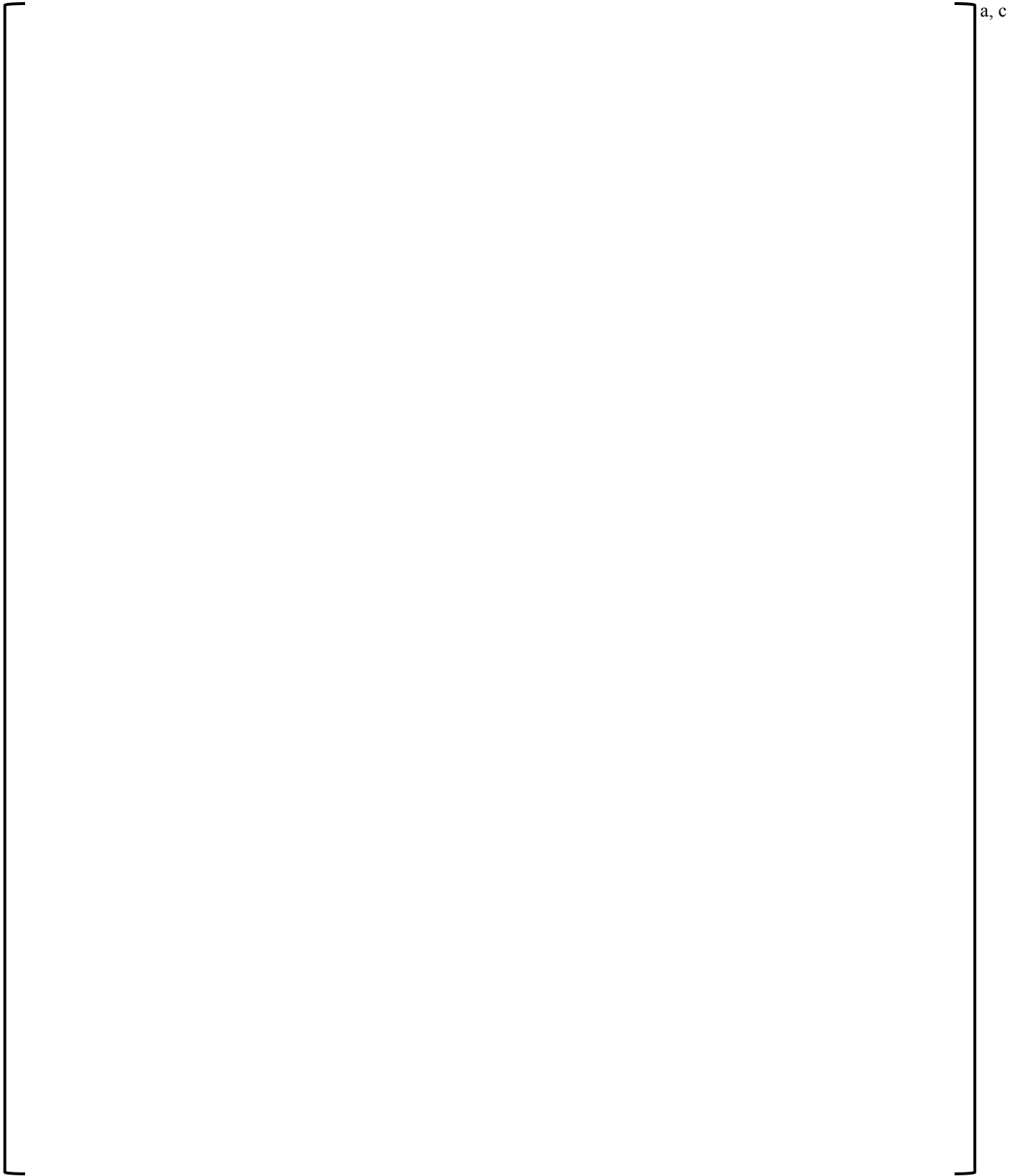
Scenario Outline

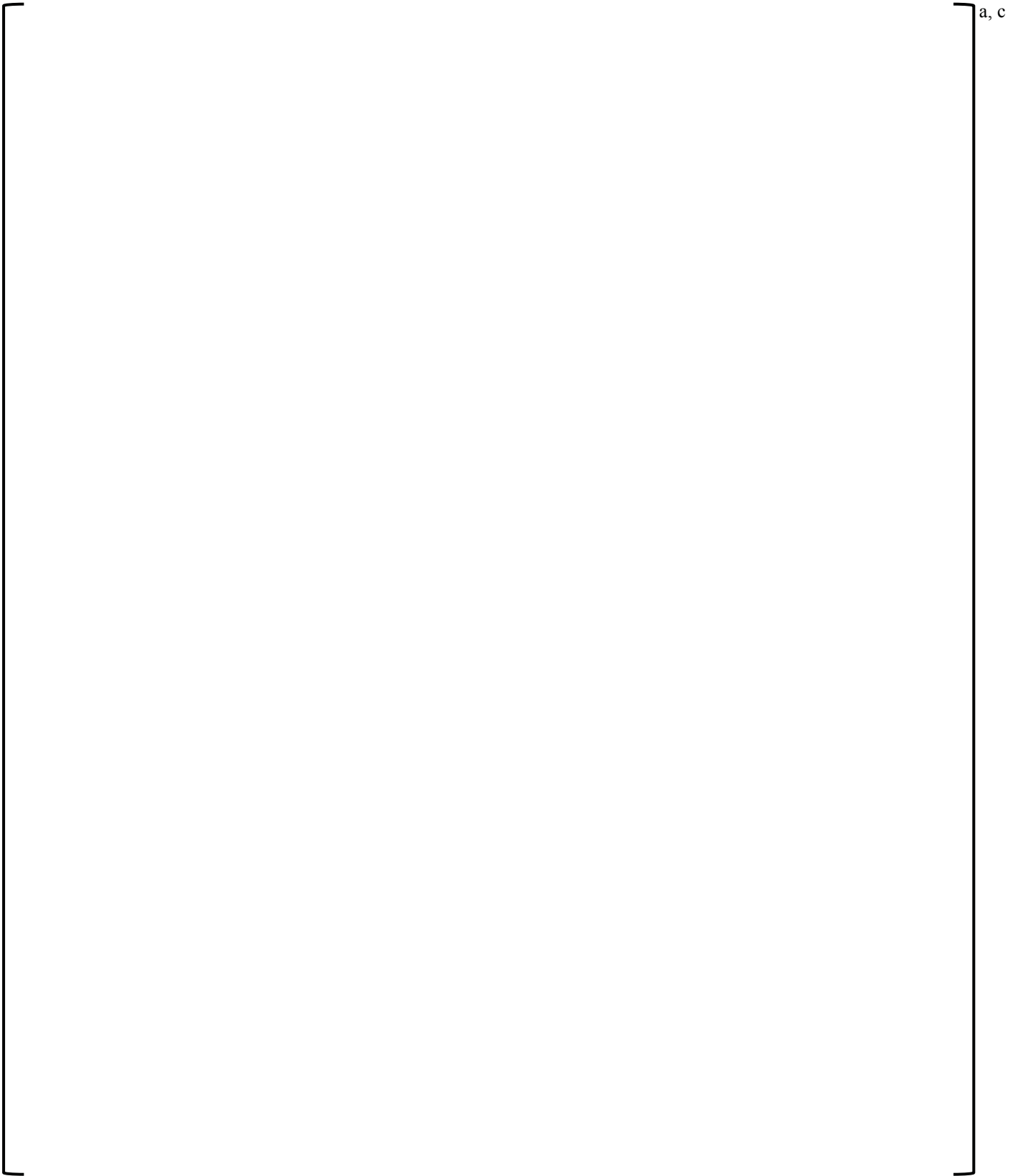
[Form ES-D-1](#)

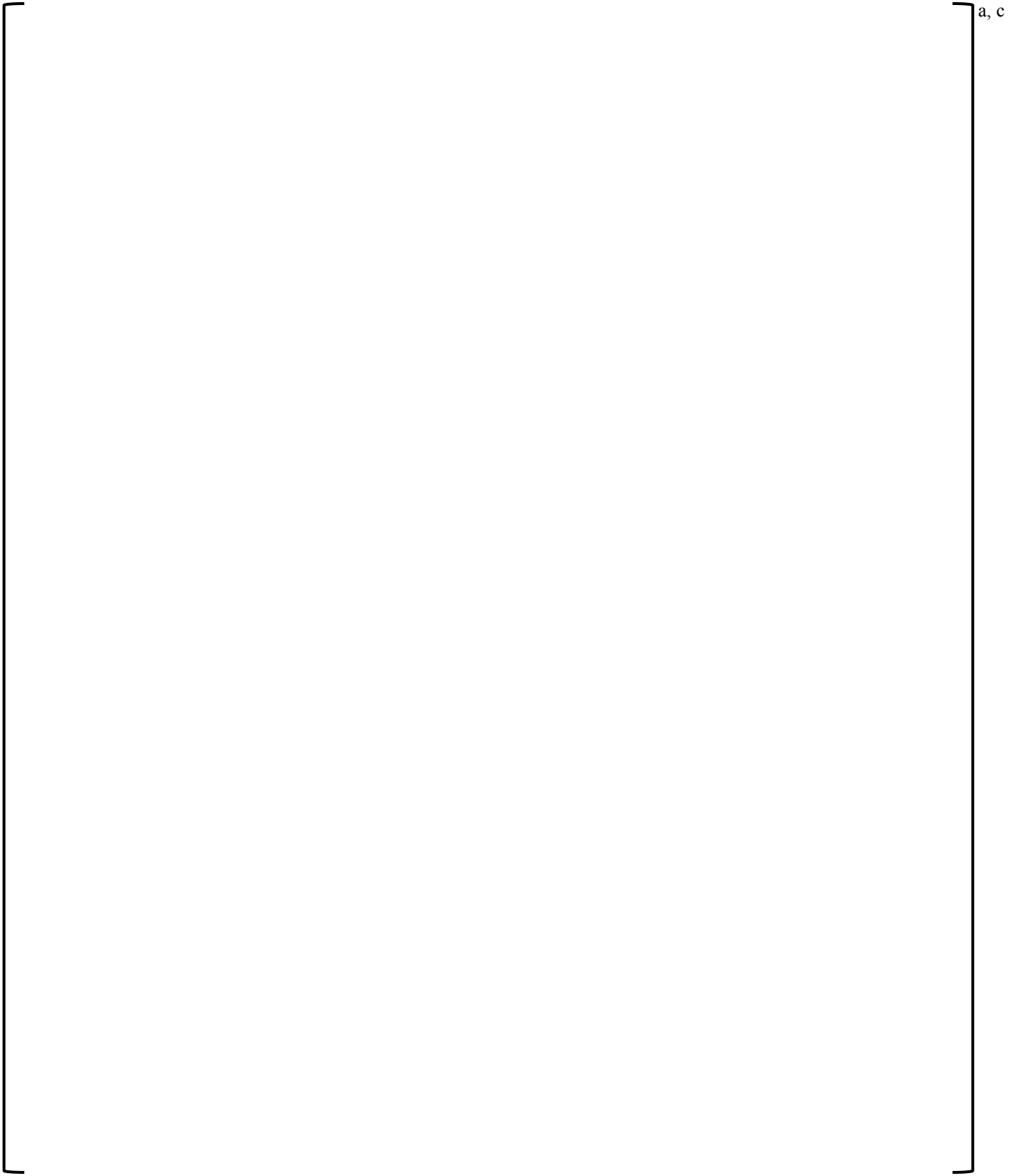
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a, c





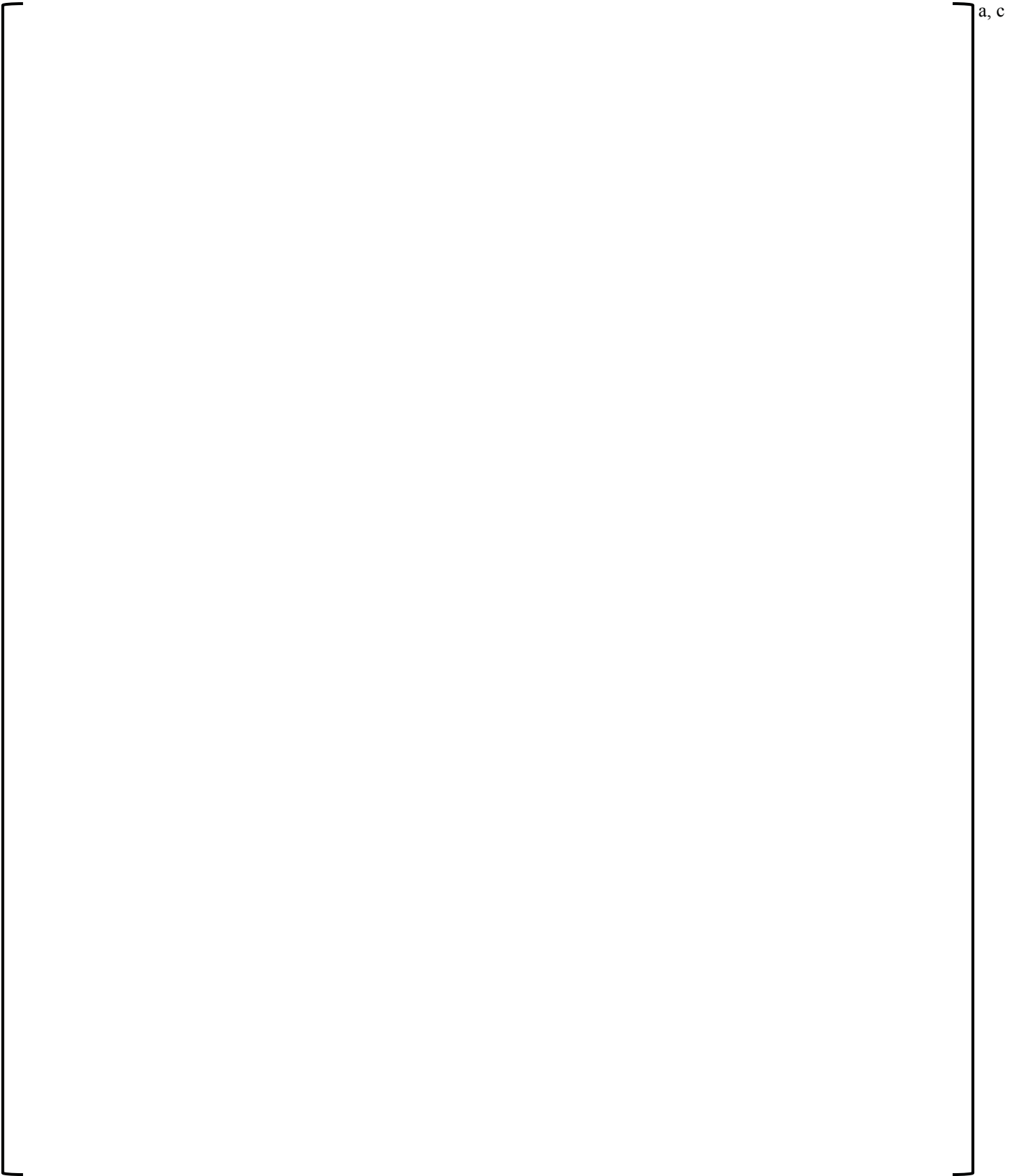


SIMULATOR BOOTH INSTRUCTIONS

a, c

SIMULATOR BOOTH INSTRUCTIONS (continued)

COMMUNICATIONS SHEET		
Note: Unless stated below, acknowledge the requests made to the booth operator verbatim and provide no other information.		
EVENT	TIME	COMMUNICATION(S)
1	When requested	As Work Control, I&C repeat back verbatim any directions given for investigating, repairing, initiating Condition Report for failed PORV and other steam leaks. A return call is unnecessary.
2	When requested	As Work Control, I&C, Maintenance repeat back verbatim any directions given for investigating, repairing, initiating Condition Report for failed MFCV. A return call is unnecessary.
3	When requested	As Reactor Engineering, Chemistry, or Radiation Protection , repeat back verbatim any directions given for samples, surveys, system status investigations, etc. A return call is unnecessary.
3	When requested	As Plant Management , direct crew to maintain current power level until Engineering evaluation is complete. A return call is unnecessary.
4	When requested	As Work Control, I&C repeat back verbatim any directions given for investigating, repairing, initiating Condition Report for CMT level transmitter. A return call is unnecessary.
5	When requested	As Work Control, I&C, Maintenance repeat back verbatim any directions given for investigating, repairing, initiating Condition Report for failed TCS pump. <i>Wait 5 minutes, report "BOTH TCS pumps are running, no local indication of shaft shear for TCS-MP-02A."</i>
5	When requested	As Work Control , repeat back verbatim any directions given for investigating, repairing, initiating Condition Report for investigating a hydrogen leak. A return call is unnecessary.
5	When requested	As Work Control , repeat back verbatim any directions given for verifying position of TCS-V706. (TCS-ARP-001-048, Step 3) <i>Wait 5 minutes, report "TCS-V706 is open."</i>
6	When requested	If AOP-703 is entered, As Work Control , repeat back verbatim any directions given for AOP-703 Step 2 RNO actions. A return call is unnecessary.
6	When requested	As Work Control , repeat back verbatim any directions given for temporary air compressor. A return call is unnecessary.
6	When requested	As Work Control , repeat back verbatim any directions given for investigating, repairing, initiating Condition Report for investigating CCS pumps tripping. A return call is unnecessary.
7	When requested	As Work Control, I&C repeat back verbatim any directions given for operating PXS-V108A/B from the CIMs. A return call is unnecessary.



Potential Critical Task

a, c

Potential Critical Task

a, c

EOP based Critical Task

a, c

EOP based Critical Task

a, c

SCENARIO REVIEW CHECKLIST

SCENARIO NUMBER: 1

VALIDATION TIME: 89 minutes (1st validation) / 93 minutes (2nd validation)

Target Quantitative Attributes (Per Scenario; See Section D.5.d) (Bottom of ES-301-4)		Actual Attributes			
1.	Malfunctions after EOP entry (1-2)	3	(Events 7, 8, 9)		
2.	Abnormal events (2-4)	4	(Events 1, 2, 3, 5)		
3.	Major transients (1-2)	1	(Event 6)		
4.	EOPs entered/requiring substantive actions (1-2)	1	(E-0)		
5.	EOP contingencies requiring substantive actions (0-2)	1	(ES-0.1)		
6.	EOP based Critical tasks (2-3)	2	(Events 7,8)		
7.	Total number of Critical Tasks (2 - 6)	4	(Events 2, 5, 7, 8)		
(ES-301-5)					
	R	N	I/C	M	TS
SRO	1	0	7	1	2
OATC	1	0	3	1	0
UO	0	0	4	1	0

Appendix D

Required Operator Actions

Form ES-D-2

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Appendix D

Required Operator Actions

Form ES-D-2

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Appendix D

Required Operator Actions

Form ES-D-2

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Appendix D

Required Operator Actions

Form ES-D-2

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Appendix D

Required Operator Actions

Form ES-D-2

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Required Operator Actions

Form ES-D-2

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Appendix D

Required Operator Actions

Form ES-D-2

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Required Operator Actions

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Appendix D

Required Operator Actions

Form ES-D-2

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Appendix D

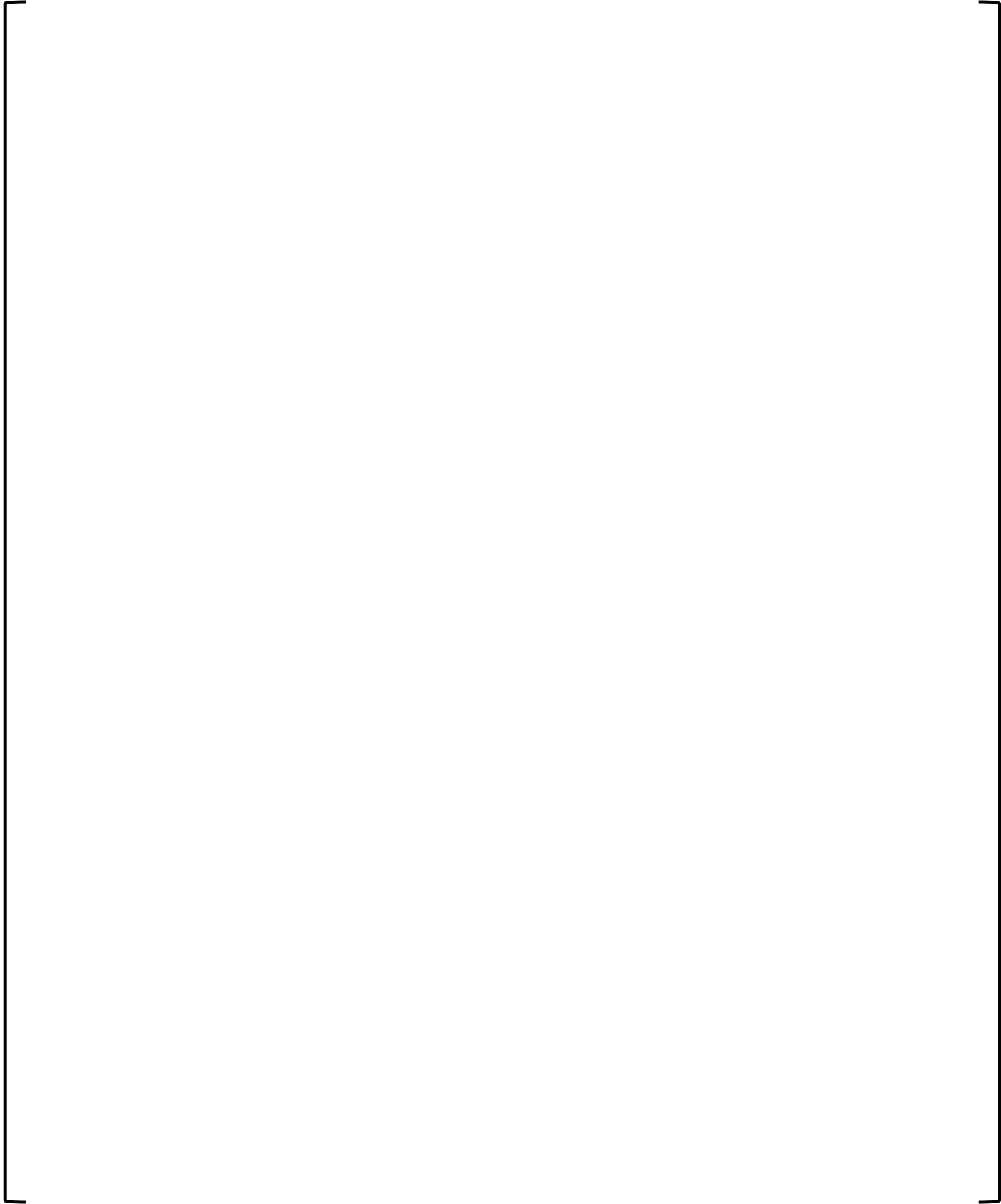
Required Operator Actions

Form ES-D-2

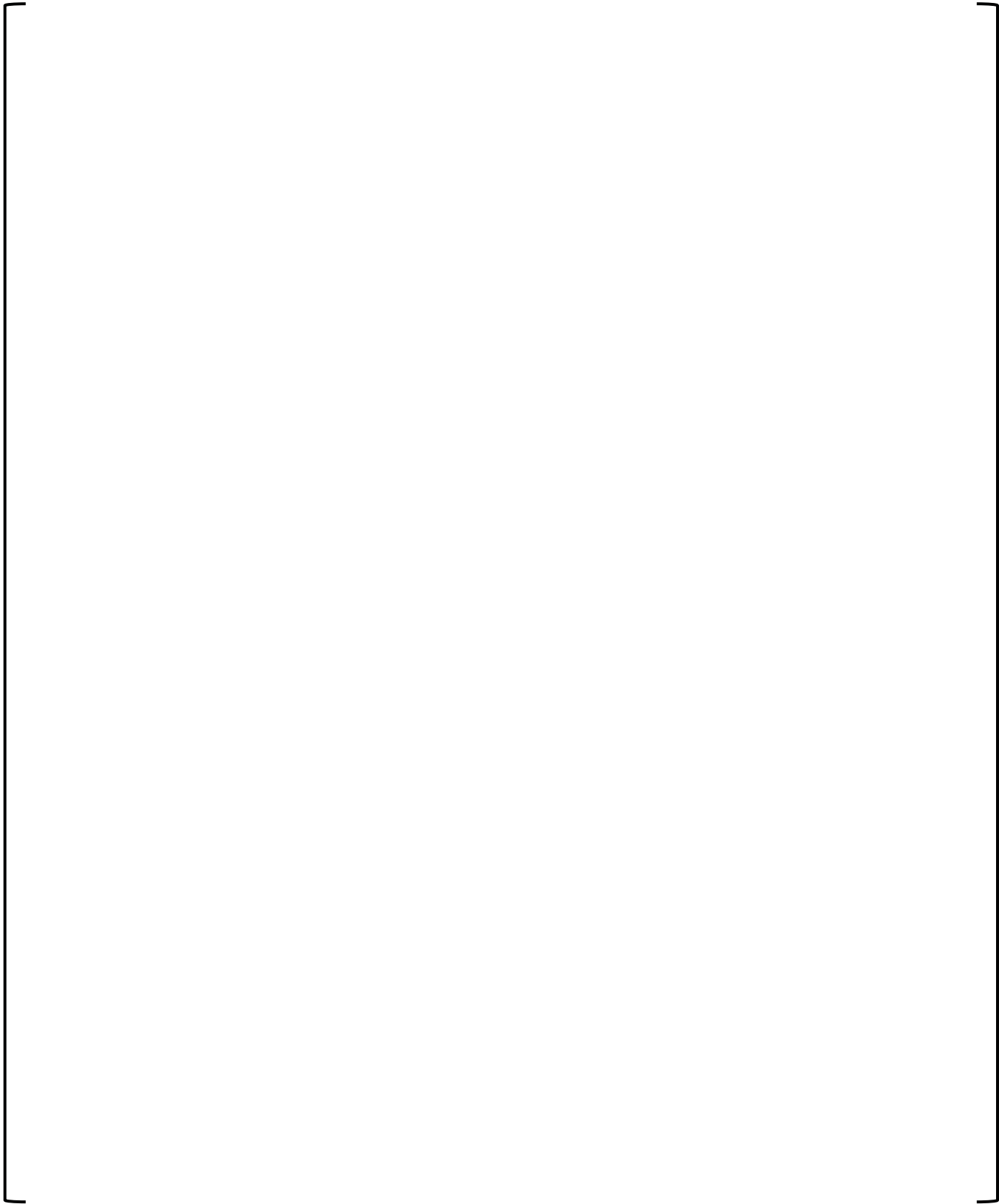
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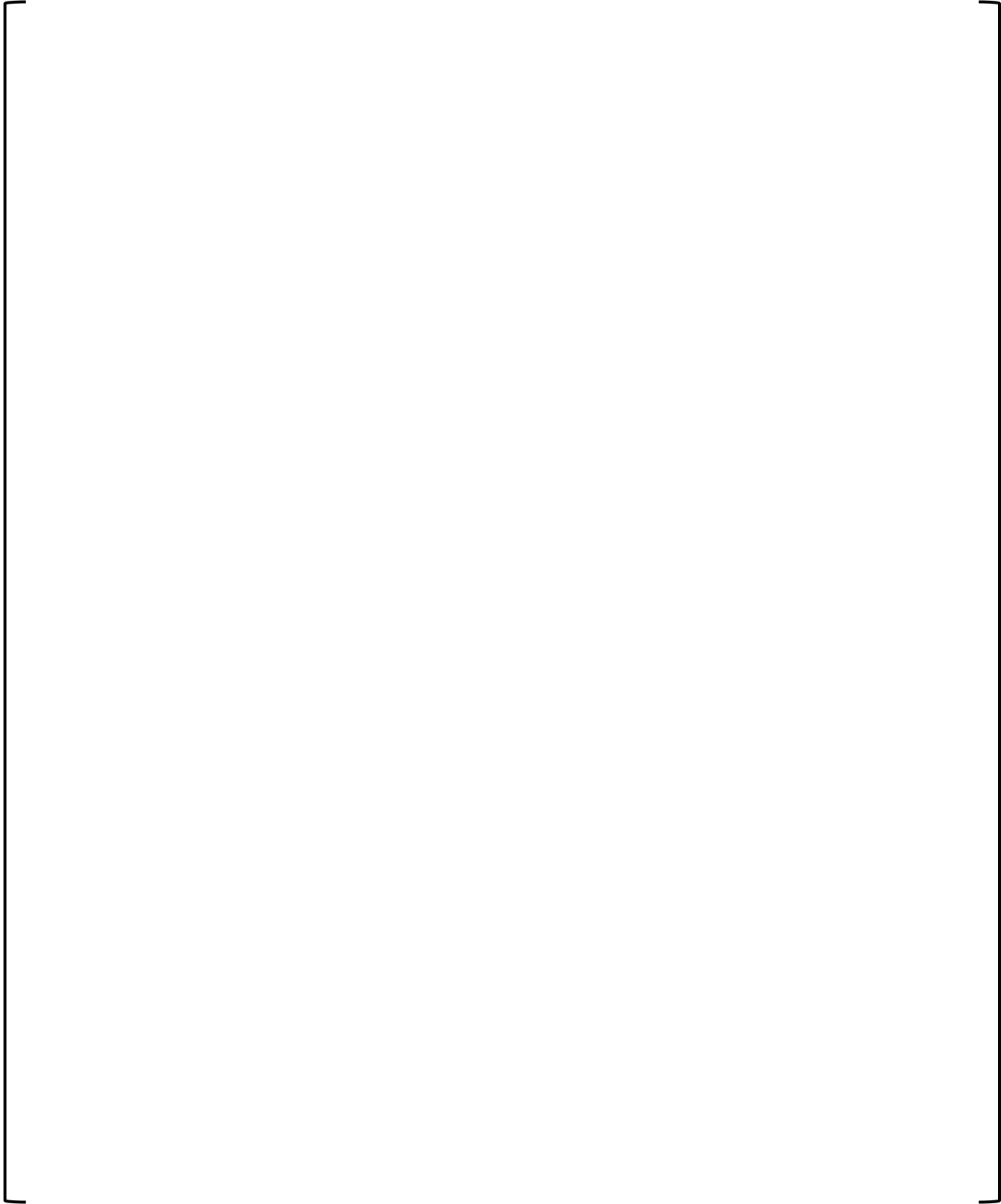
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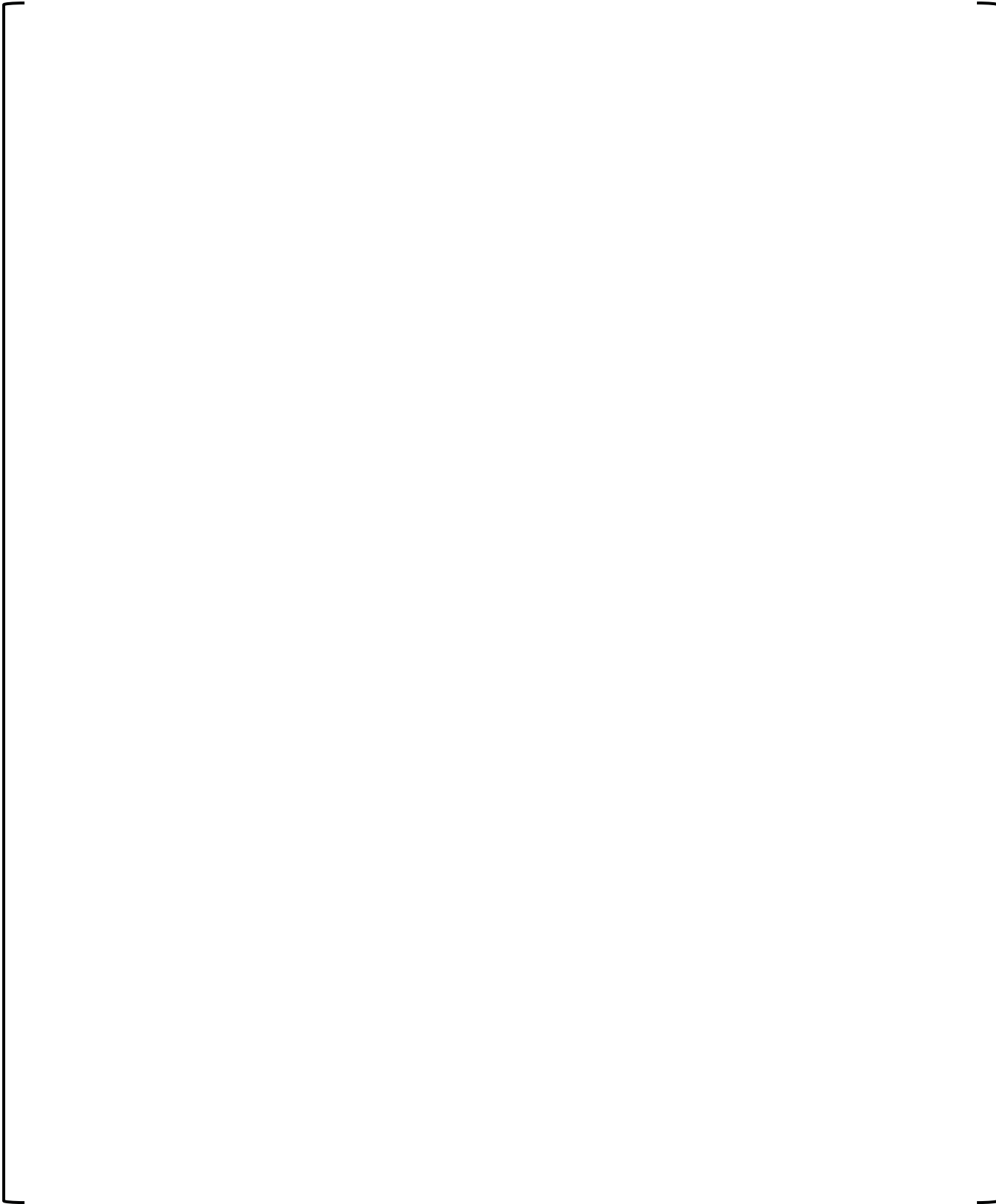


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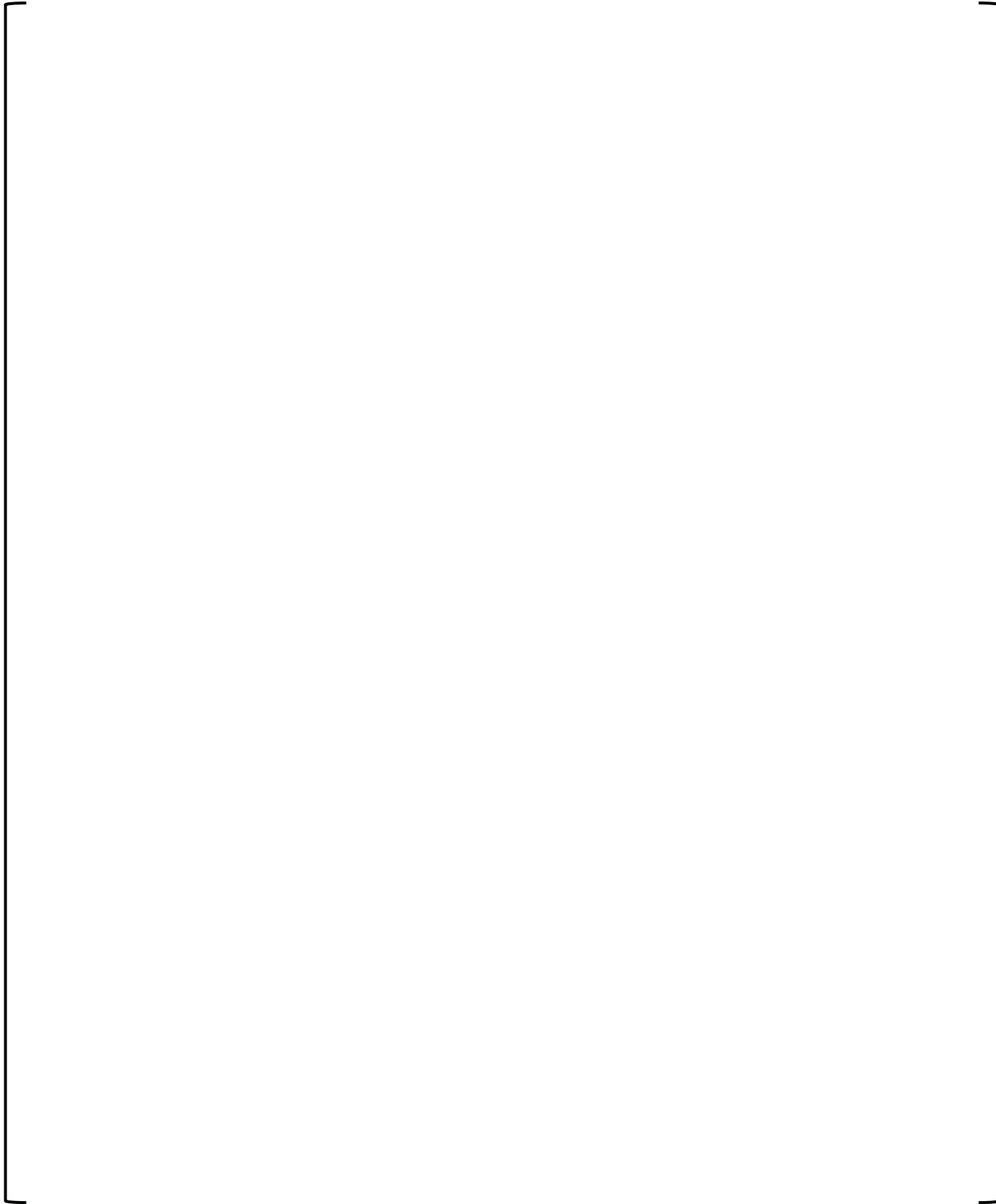




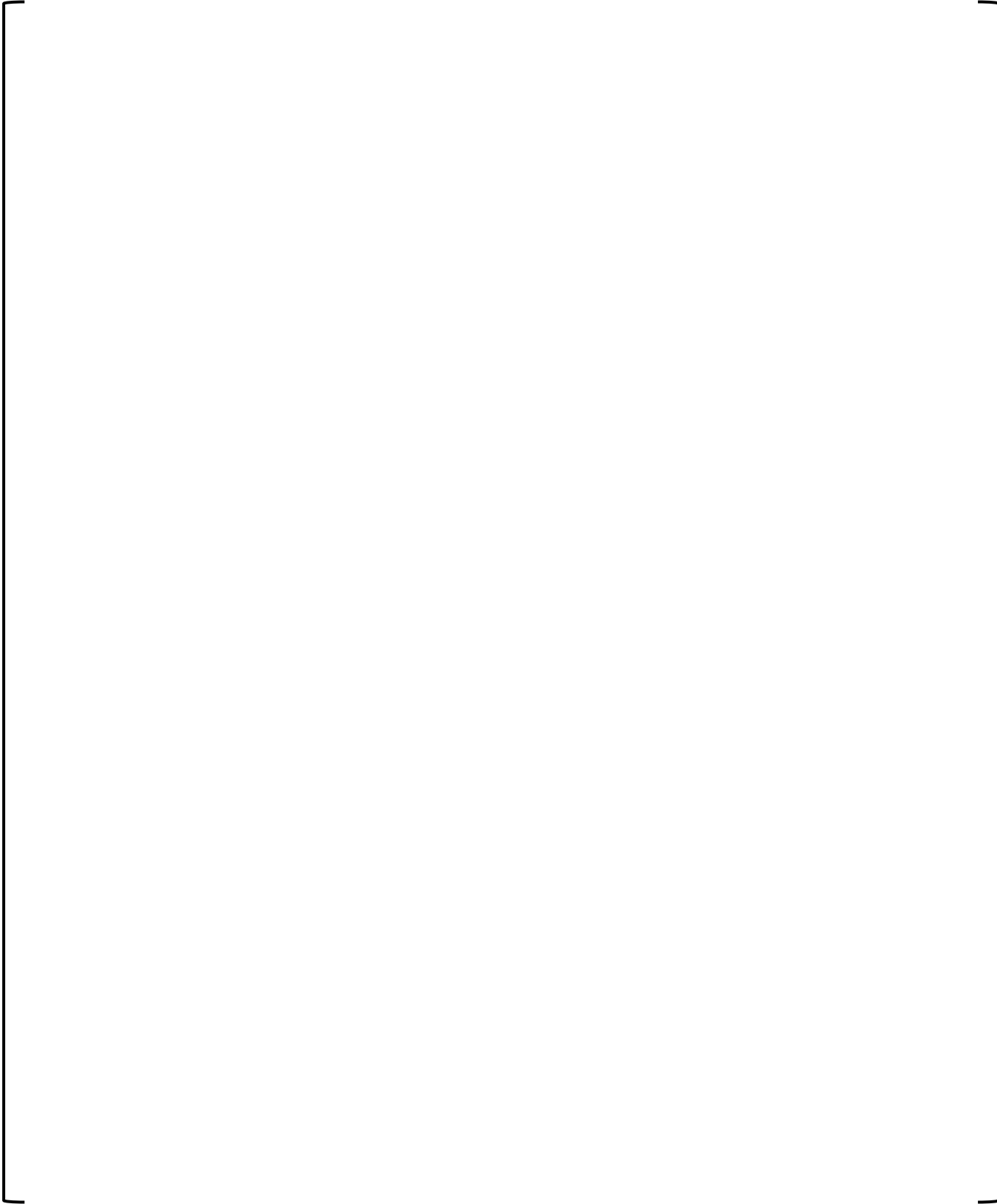
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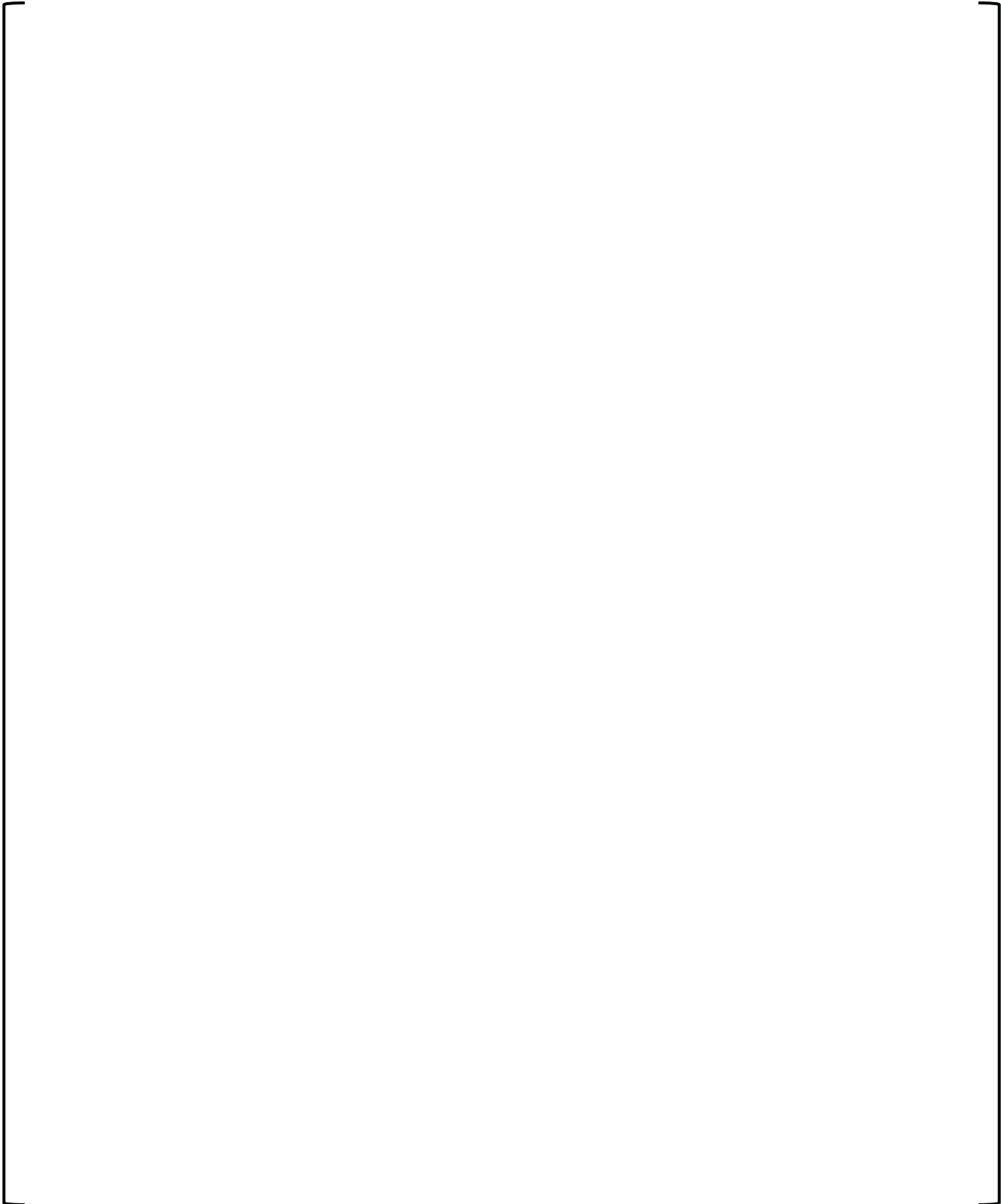
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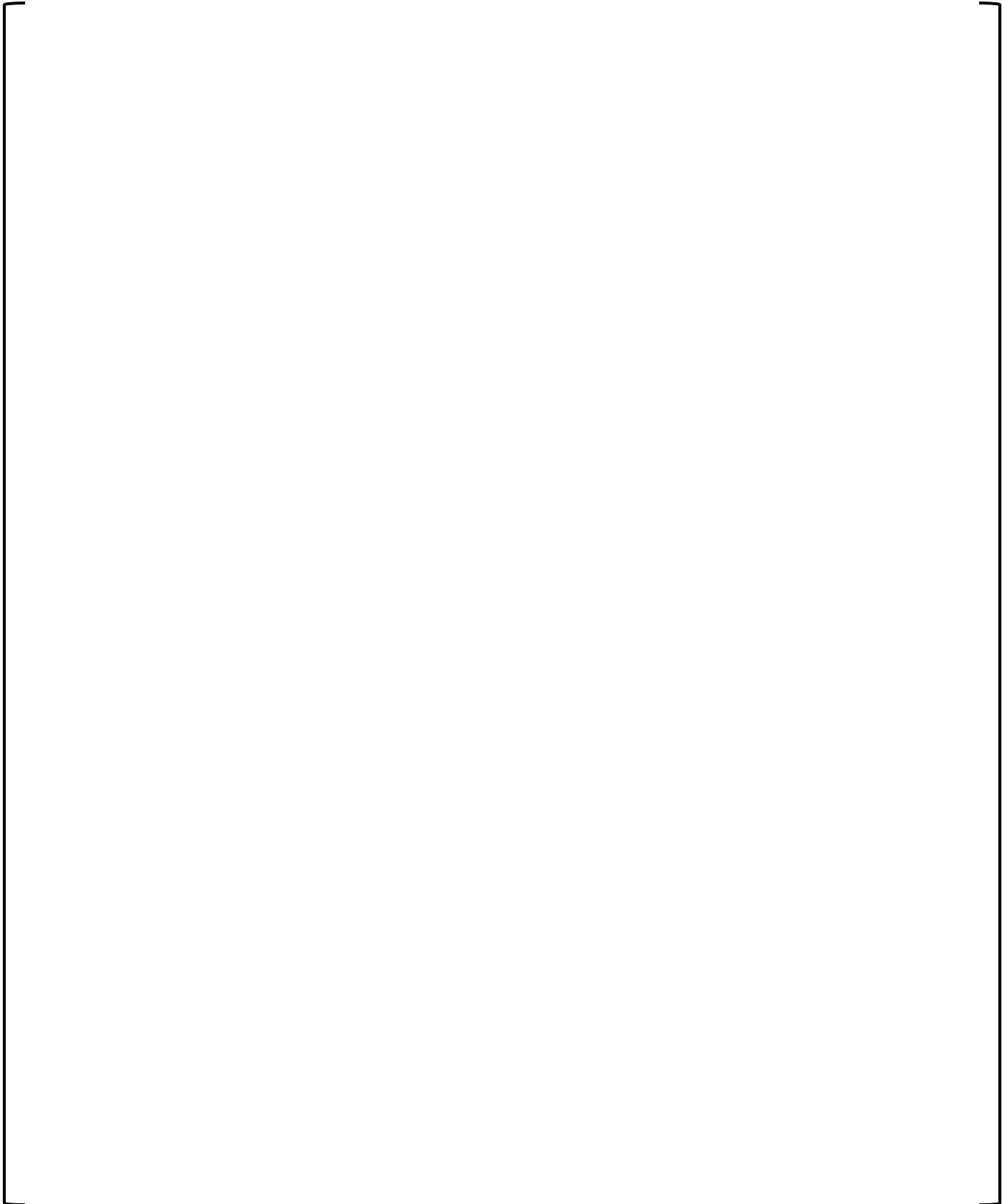


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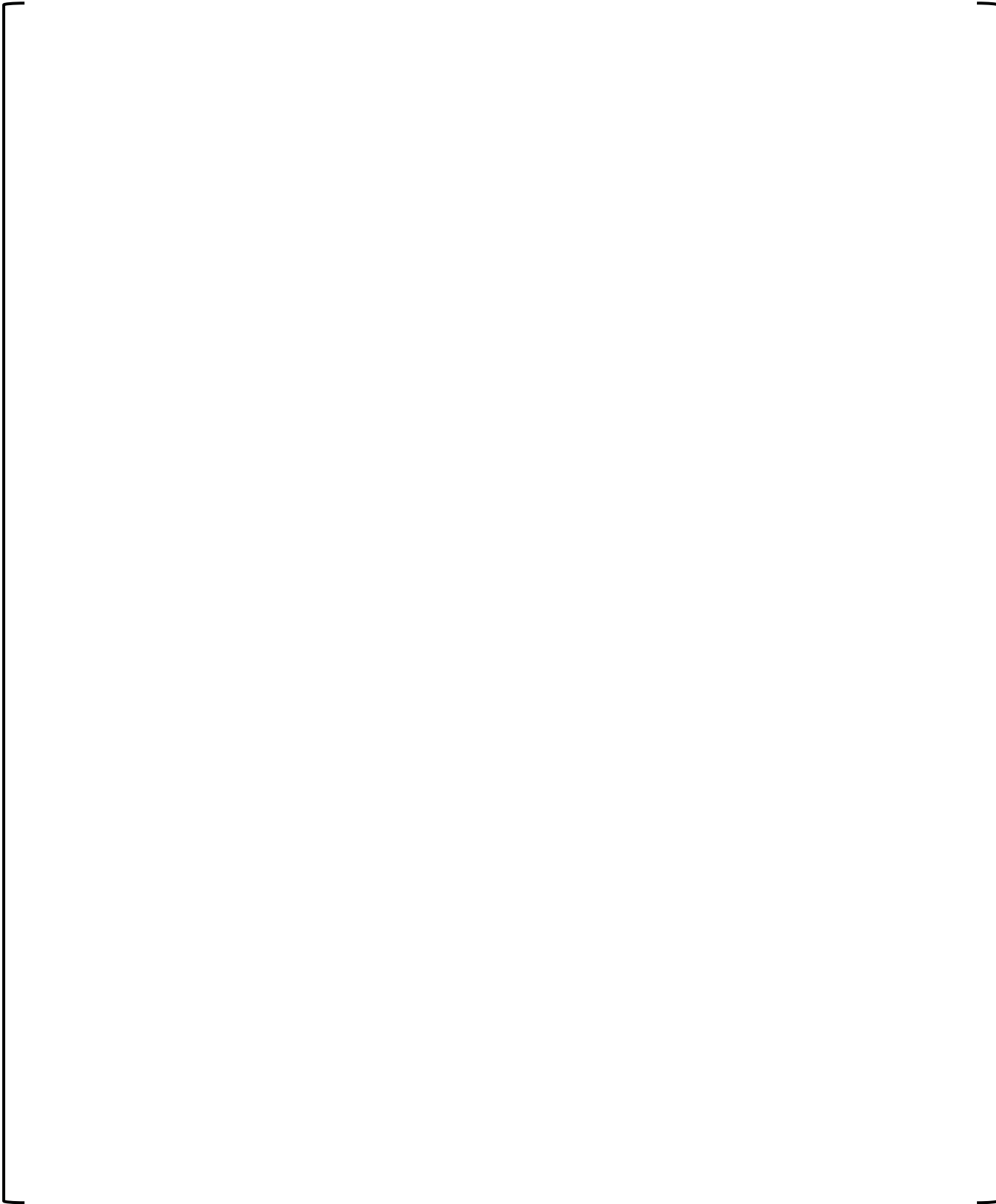
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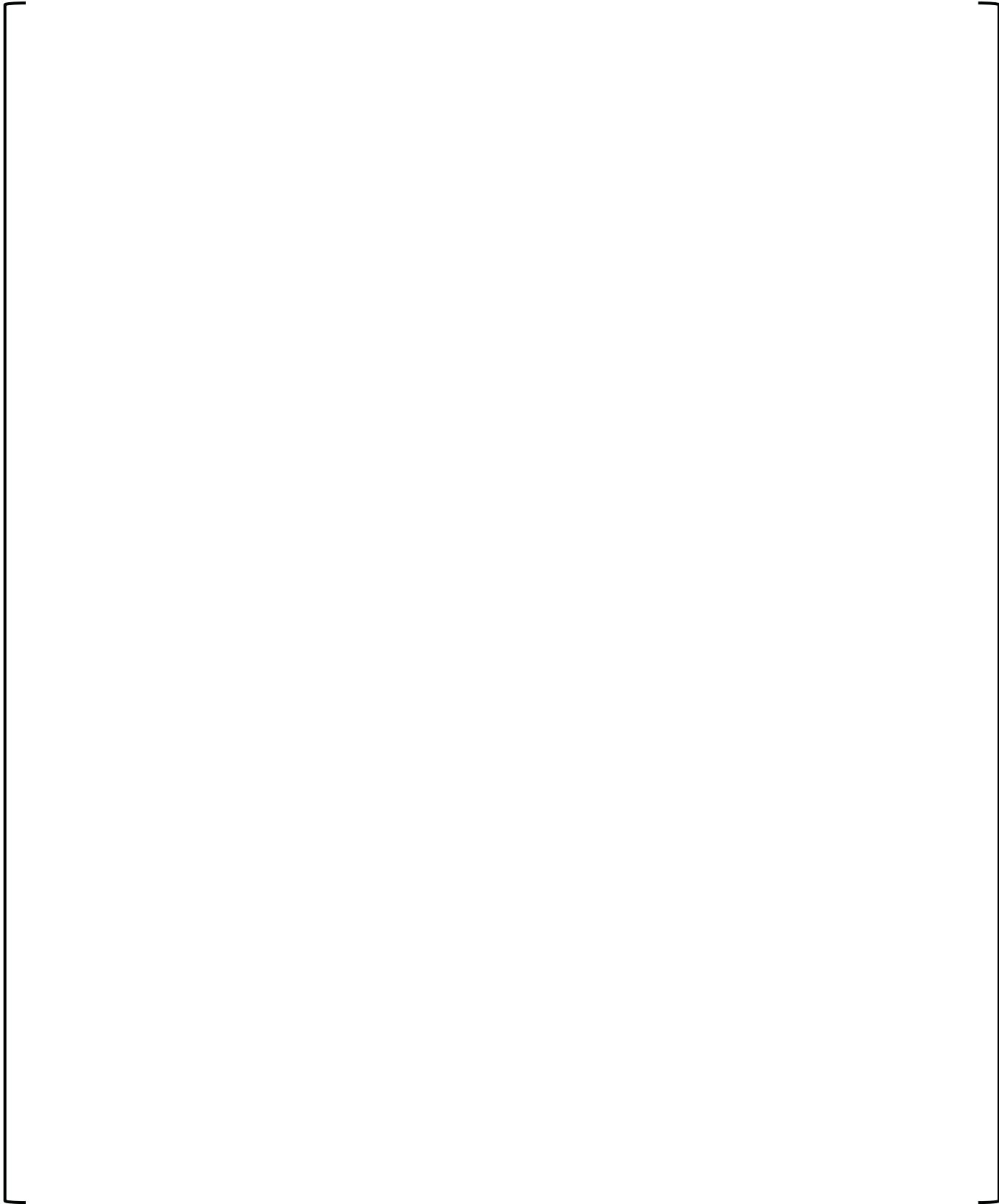


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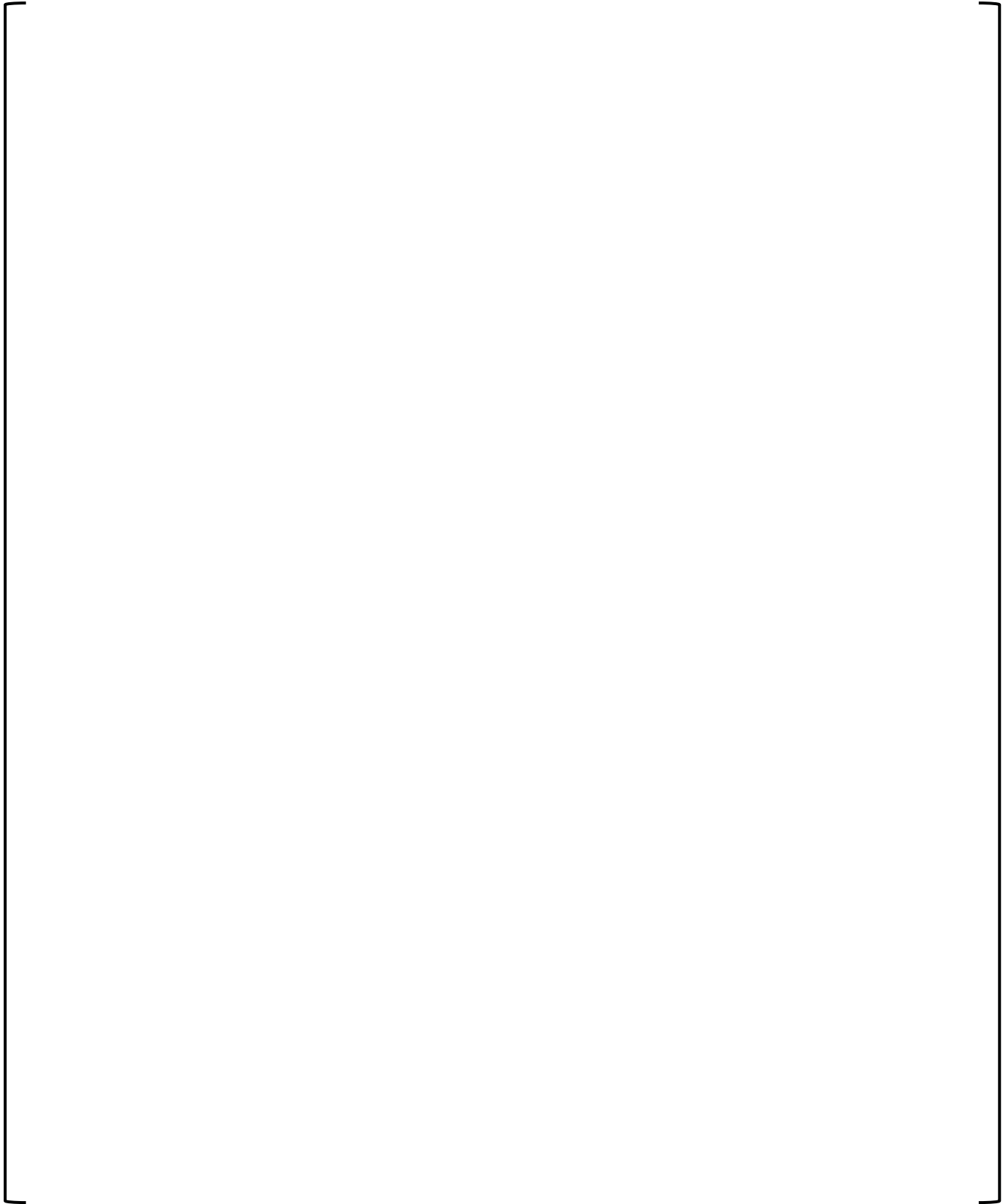
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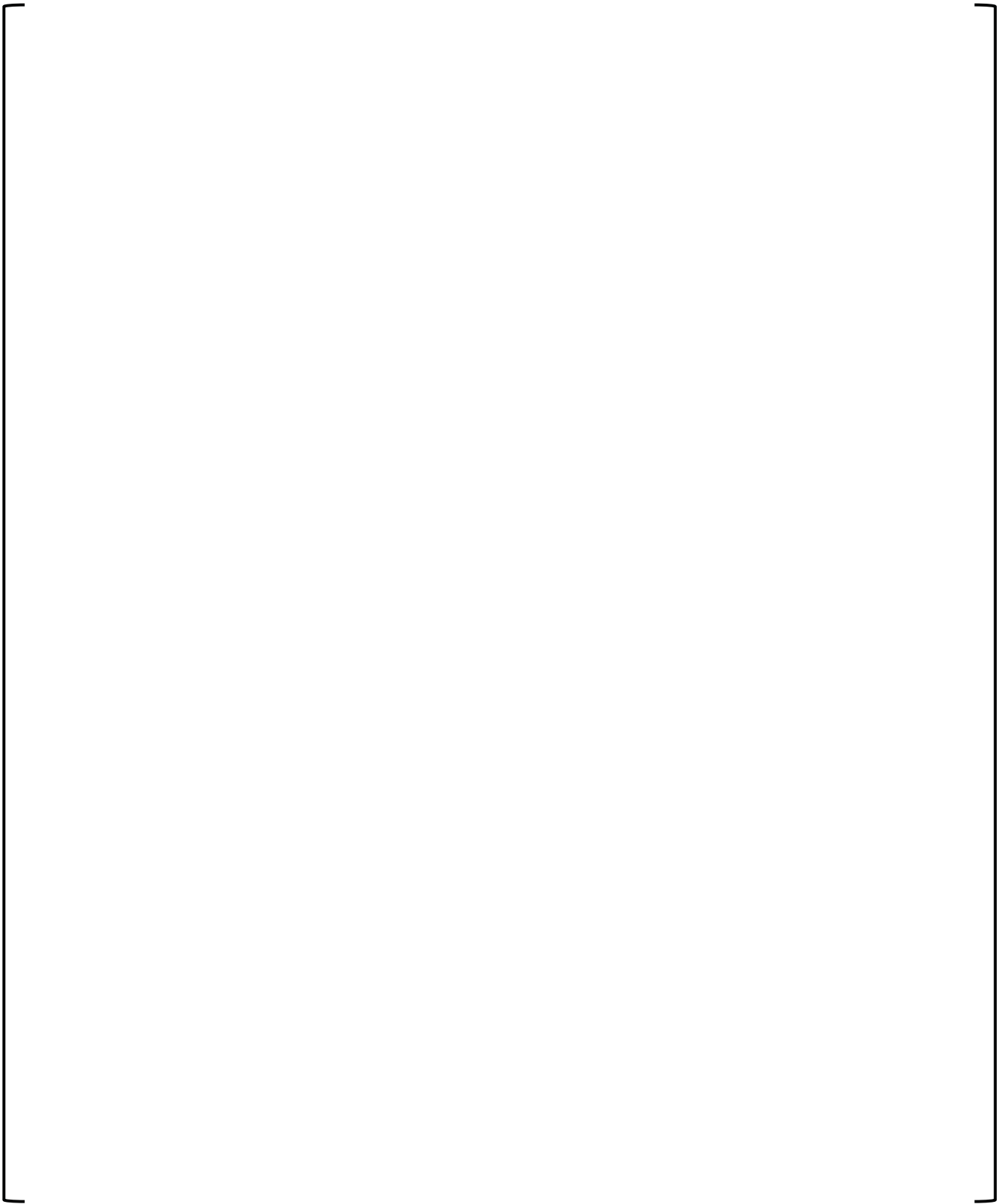
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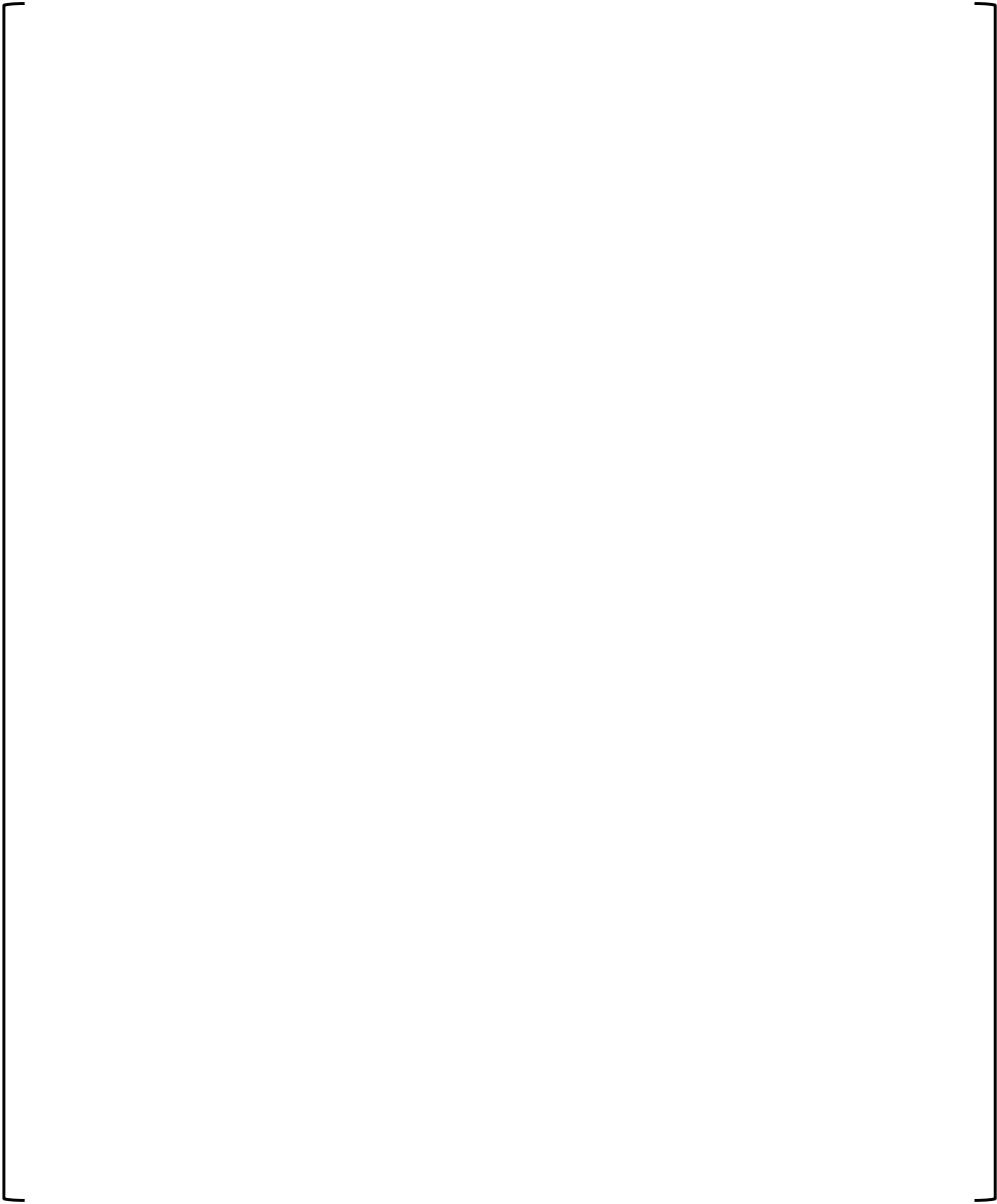
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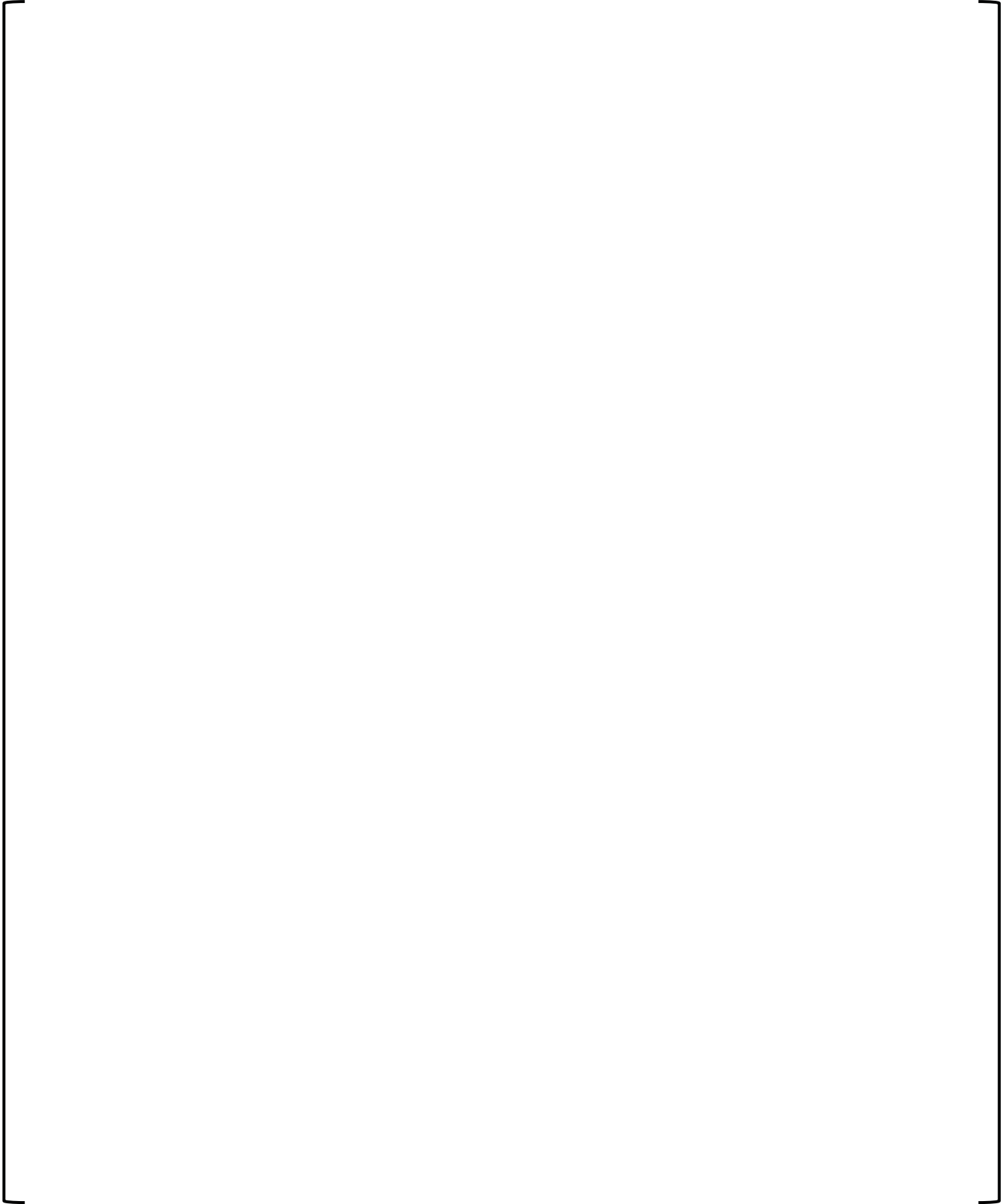
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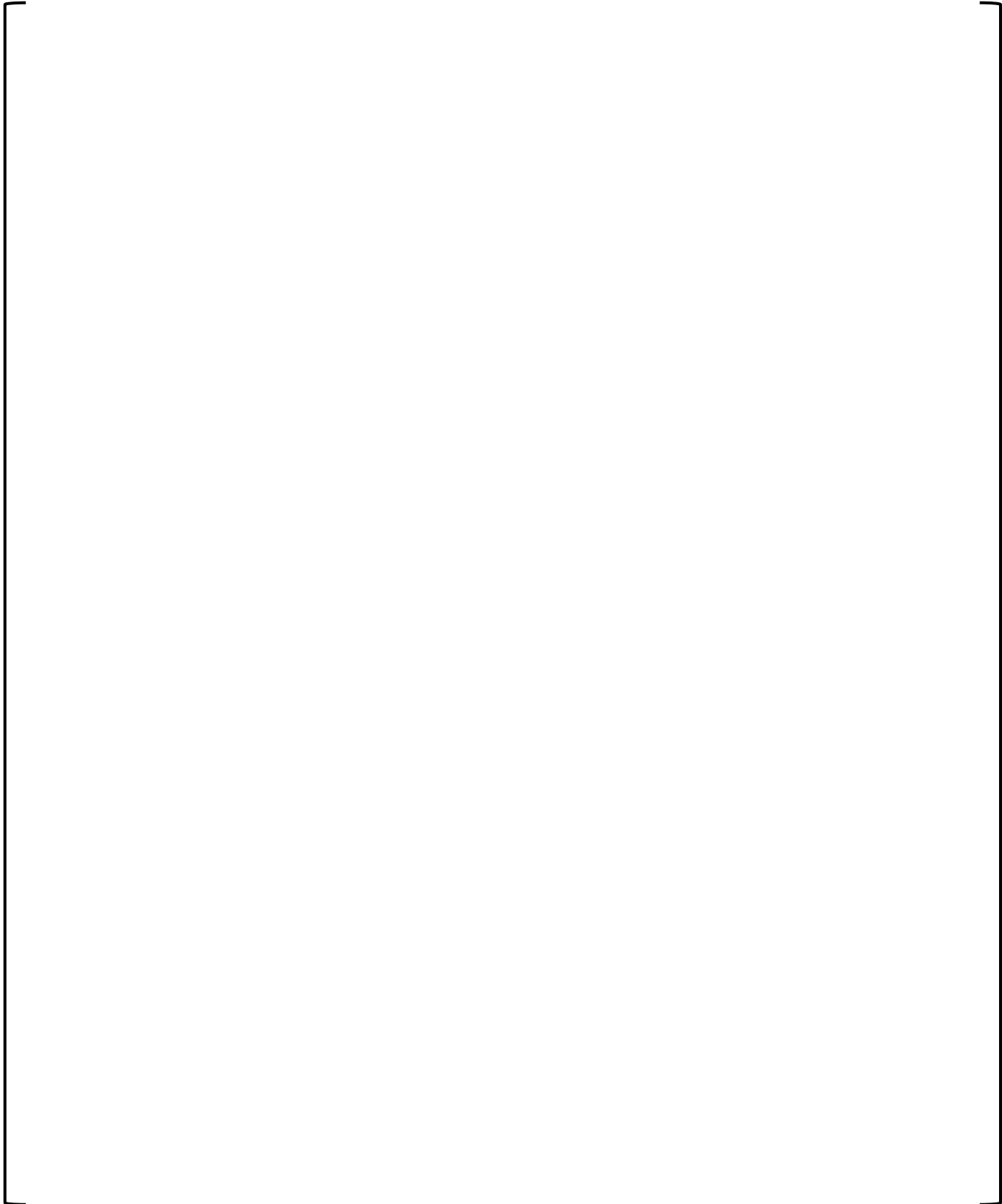
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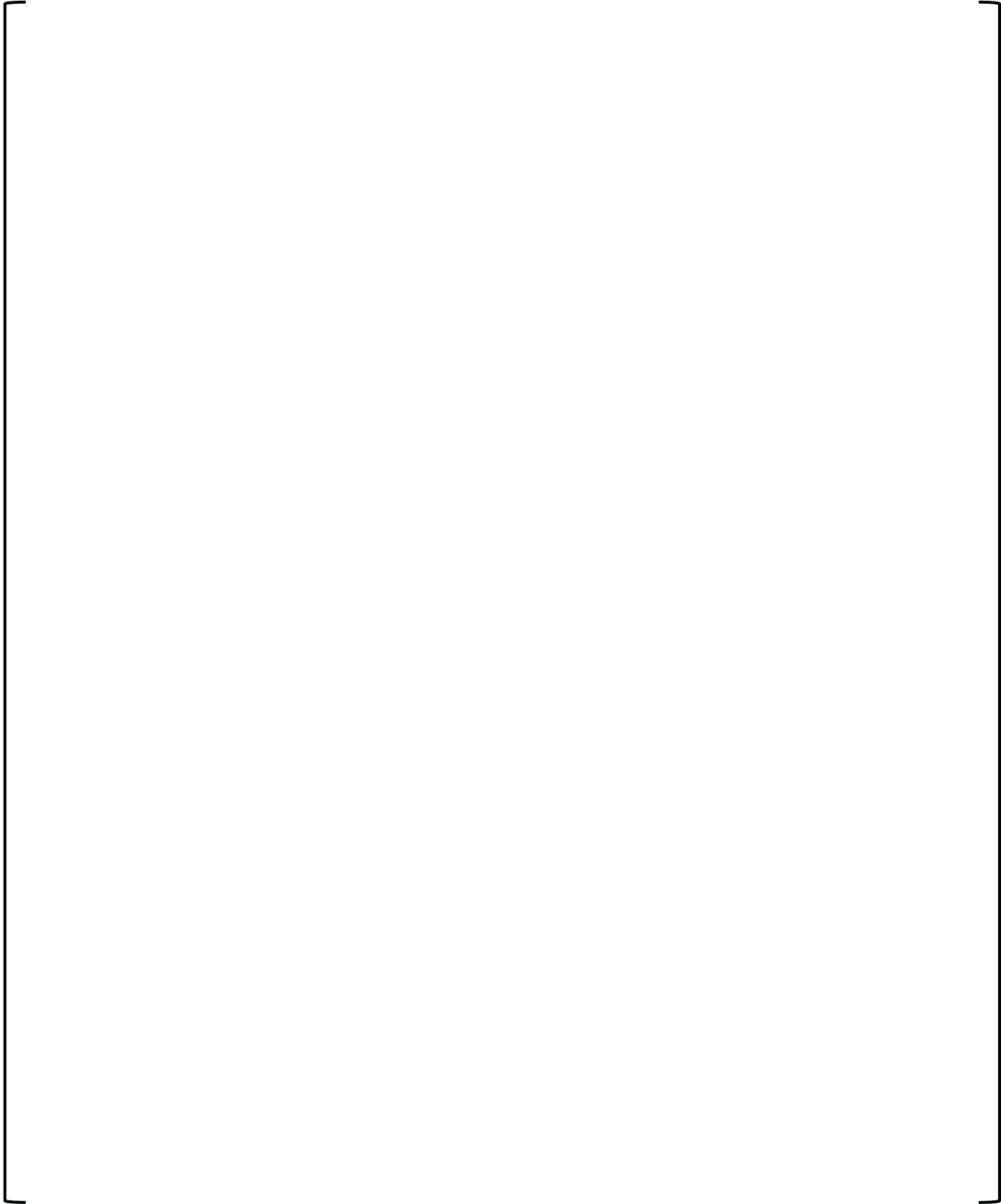
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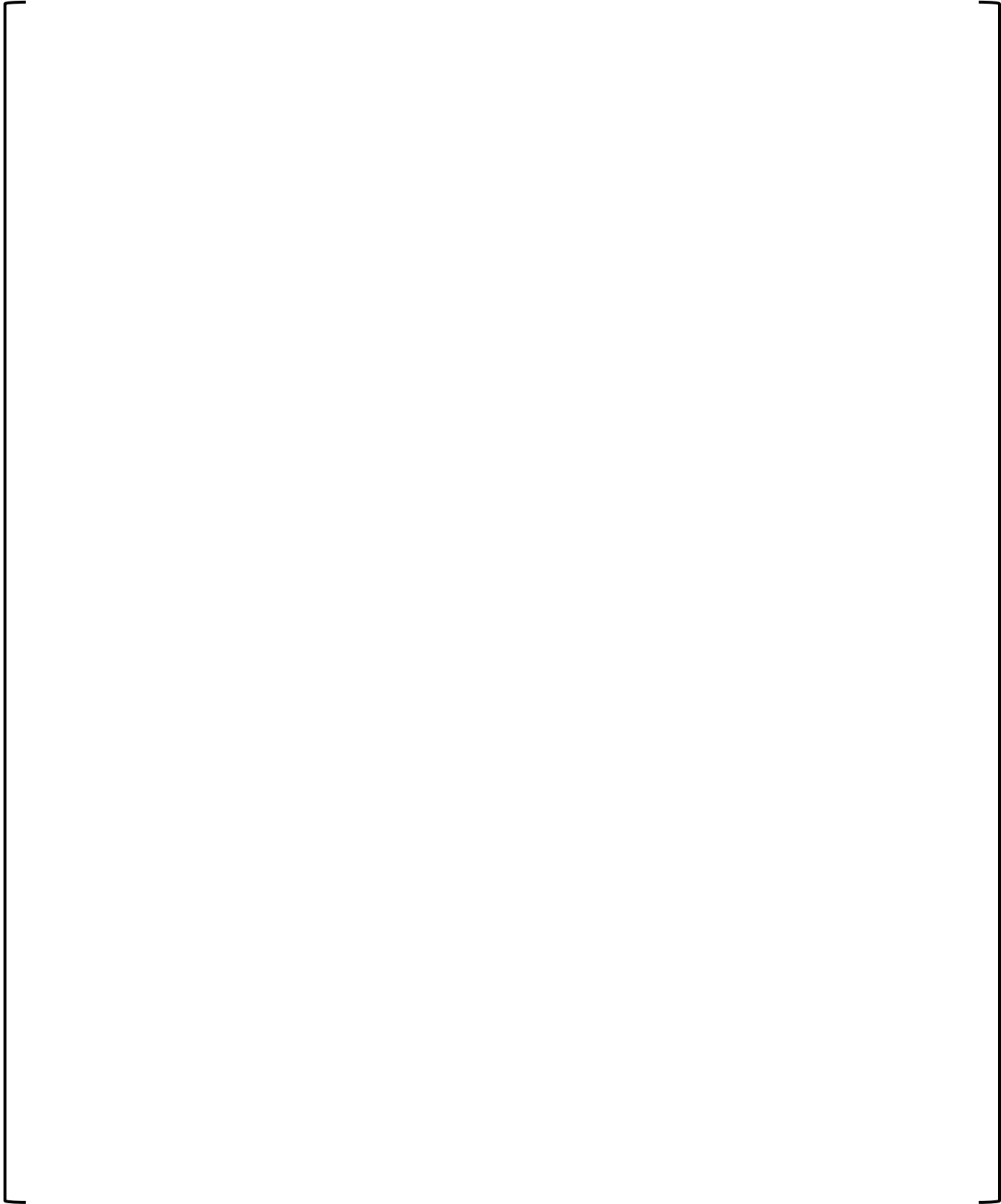


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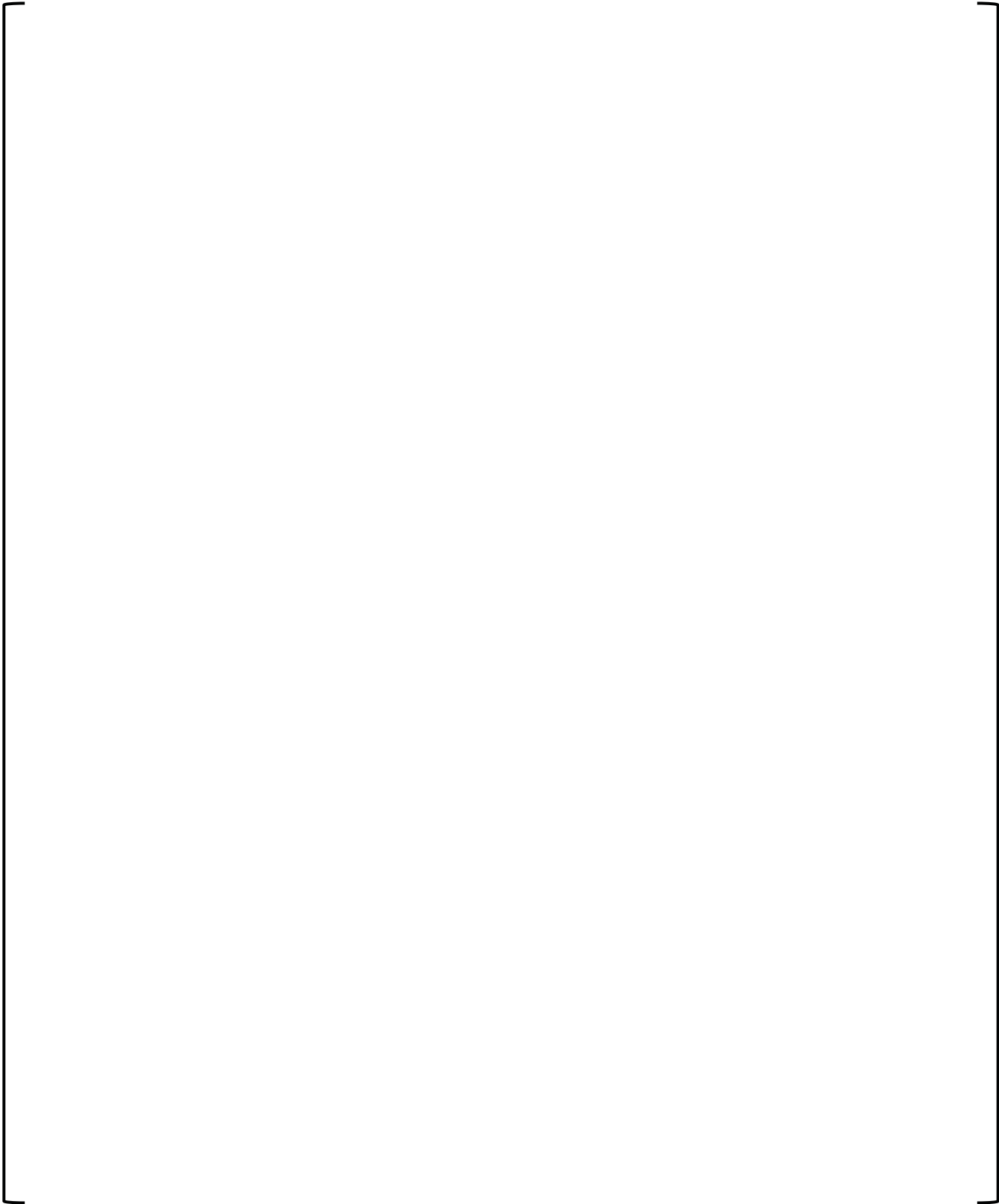
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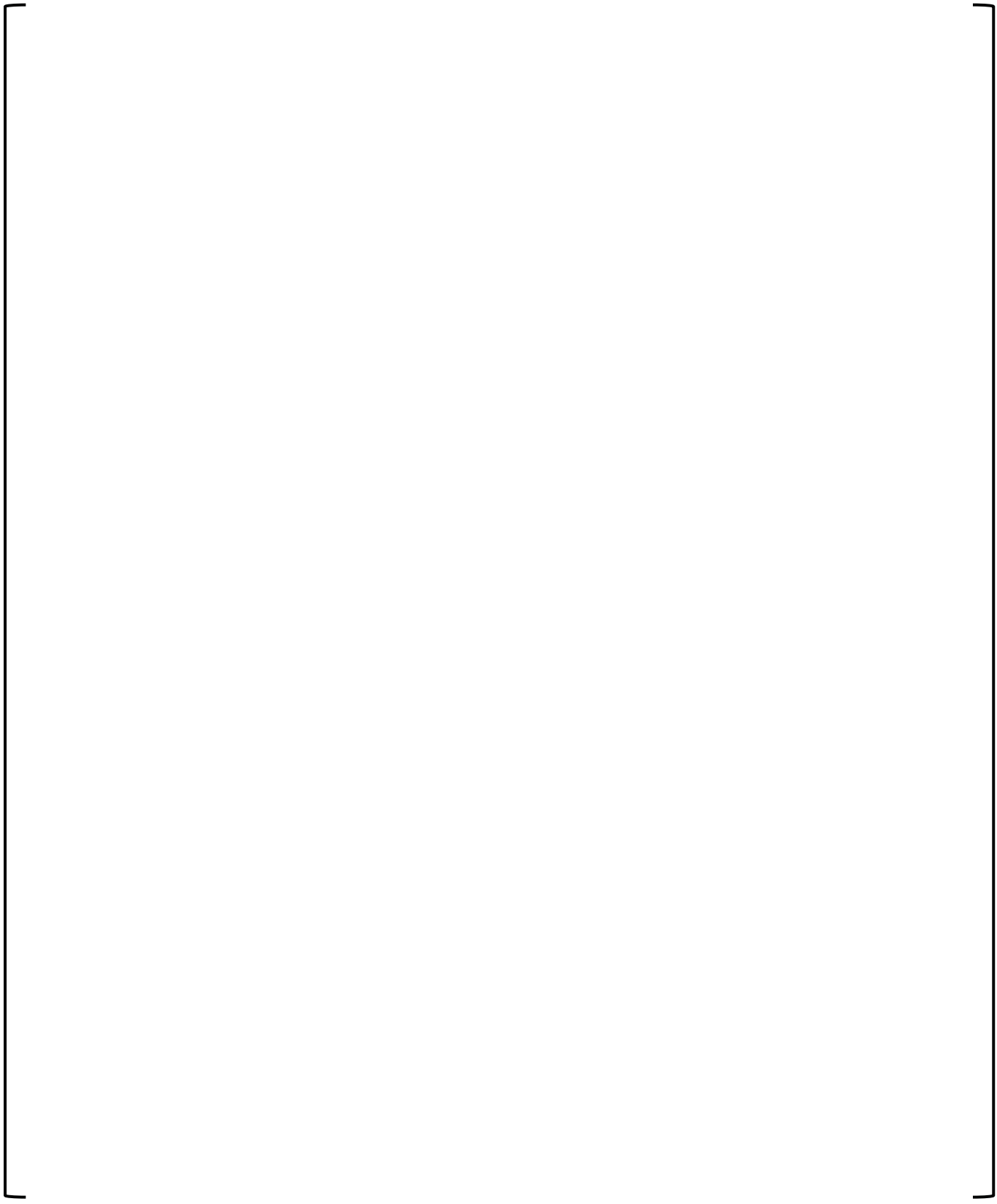
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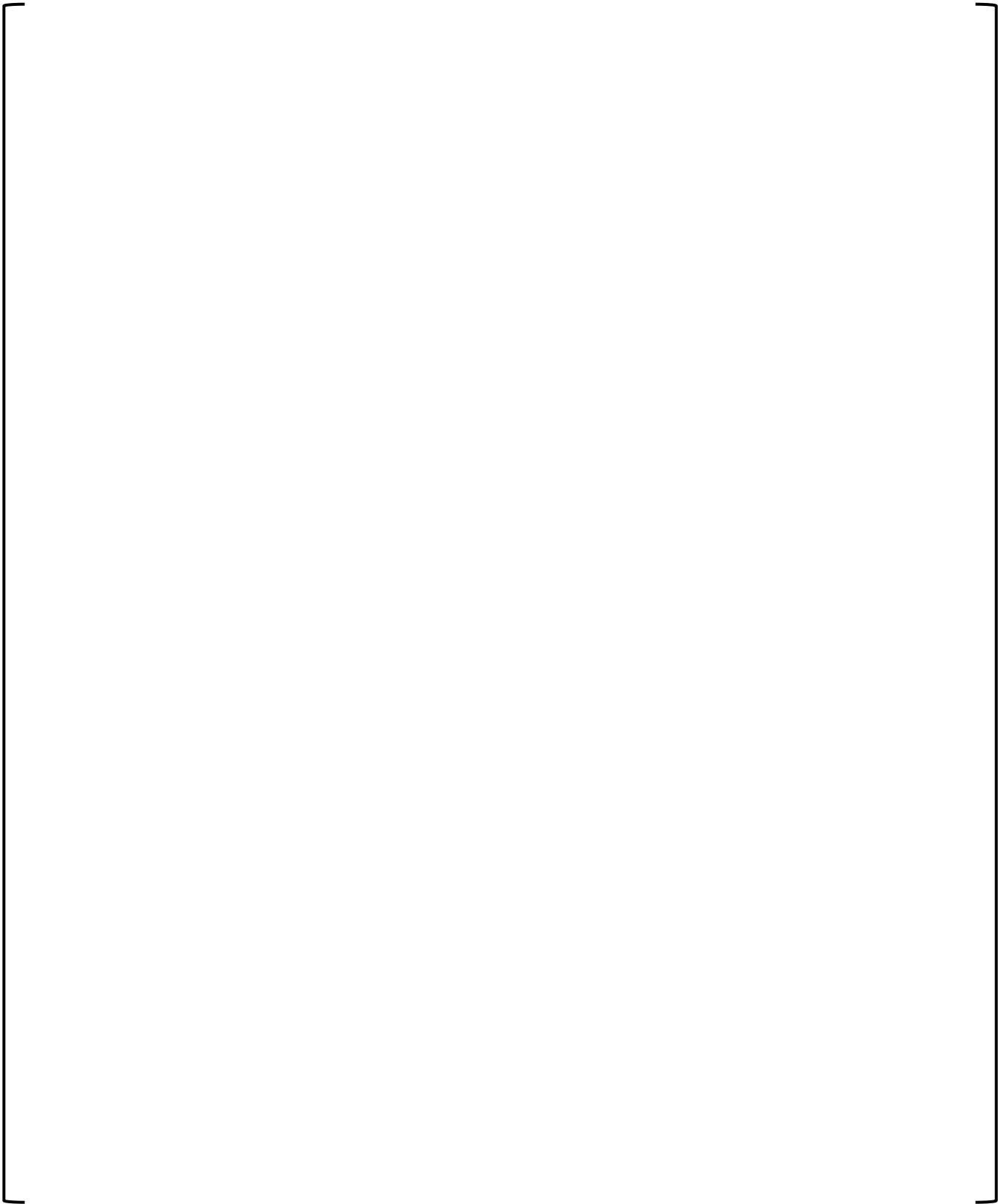


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SHIFT TURNOVER

a, c

Reactivity Data Sheet	Date: today
Vogtle Unit 3	Shift: <input checked="" type="checkbox"/> Day <input type="checkbox"/> Night

a, c

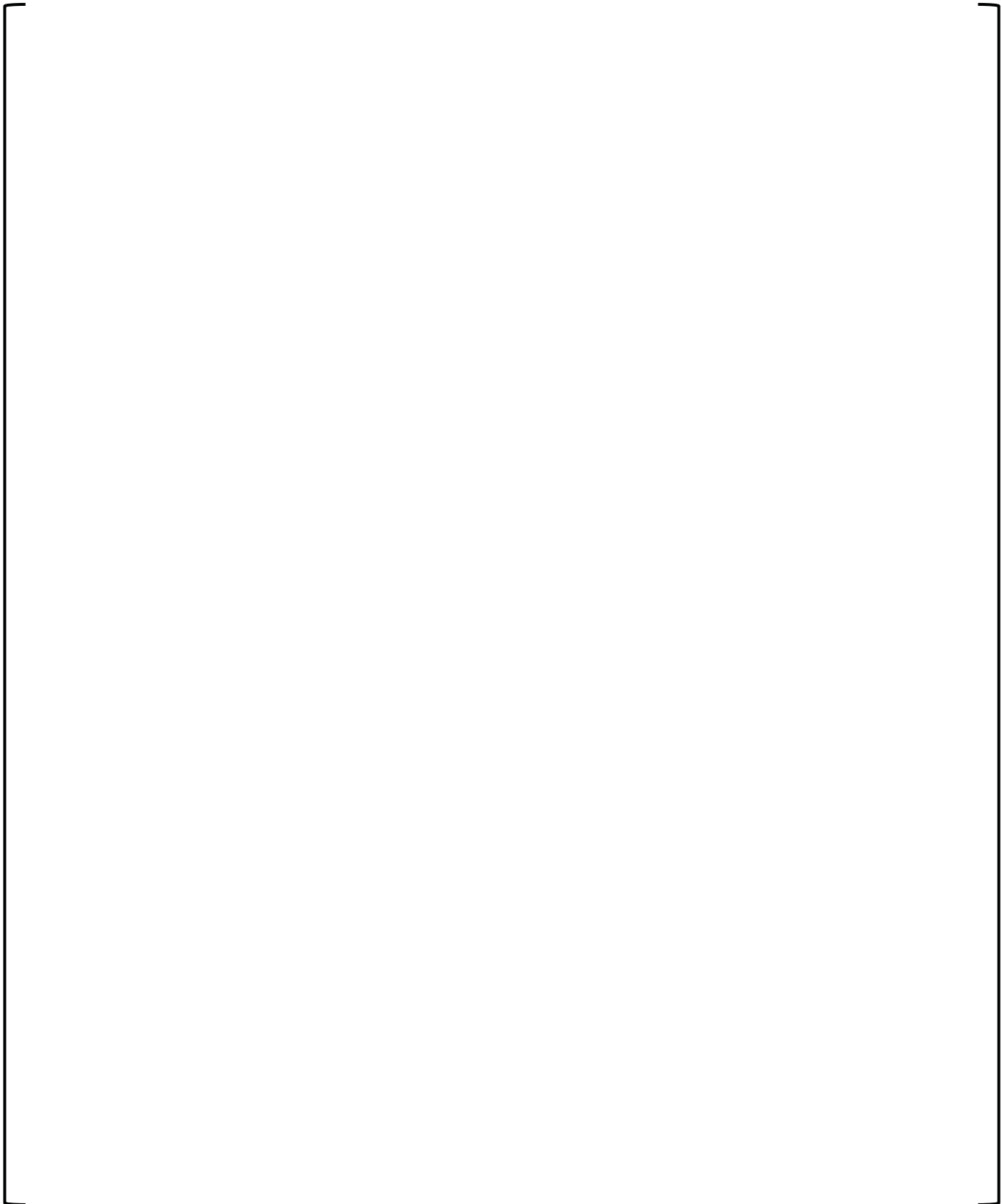
Appendix D

Scenario Outline

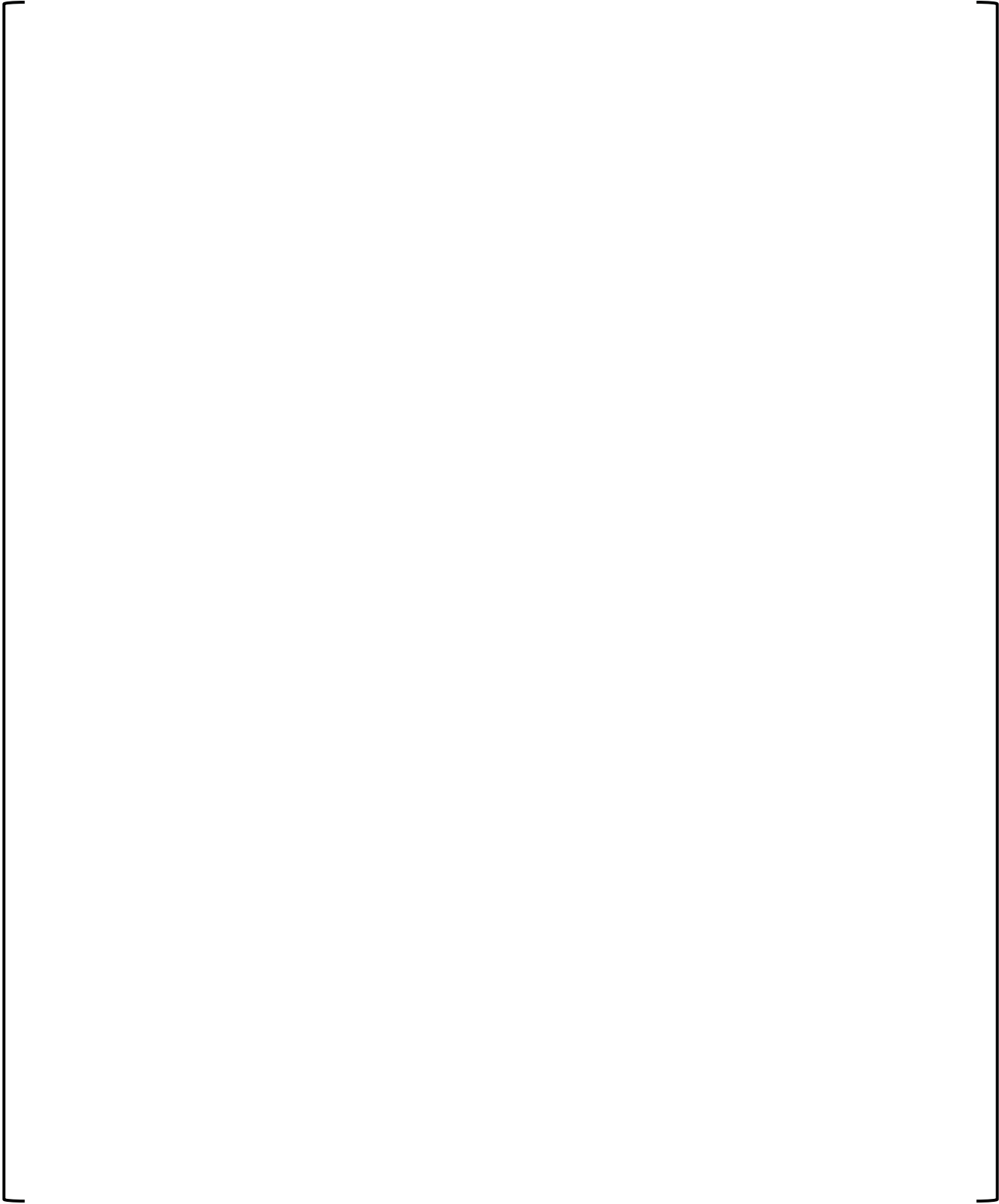
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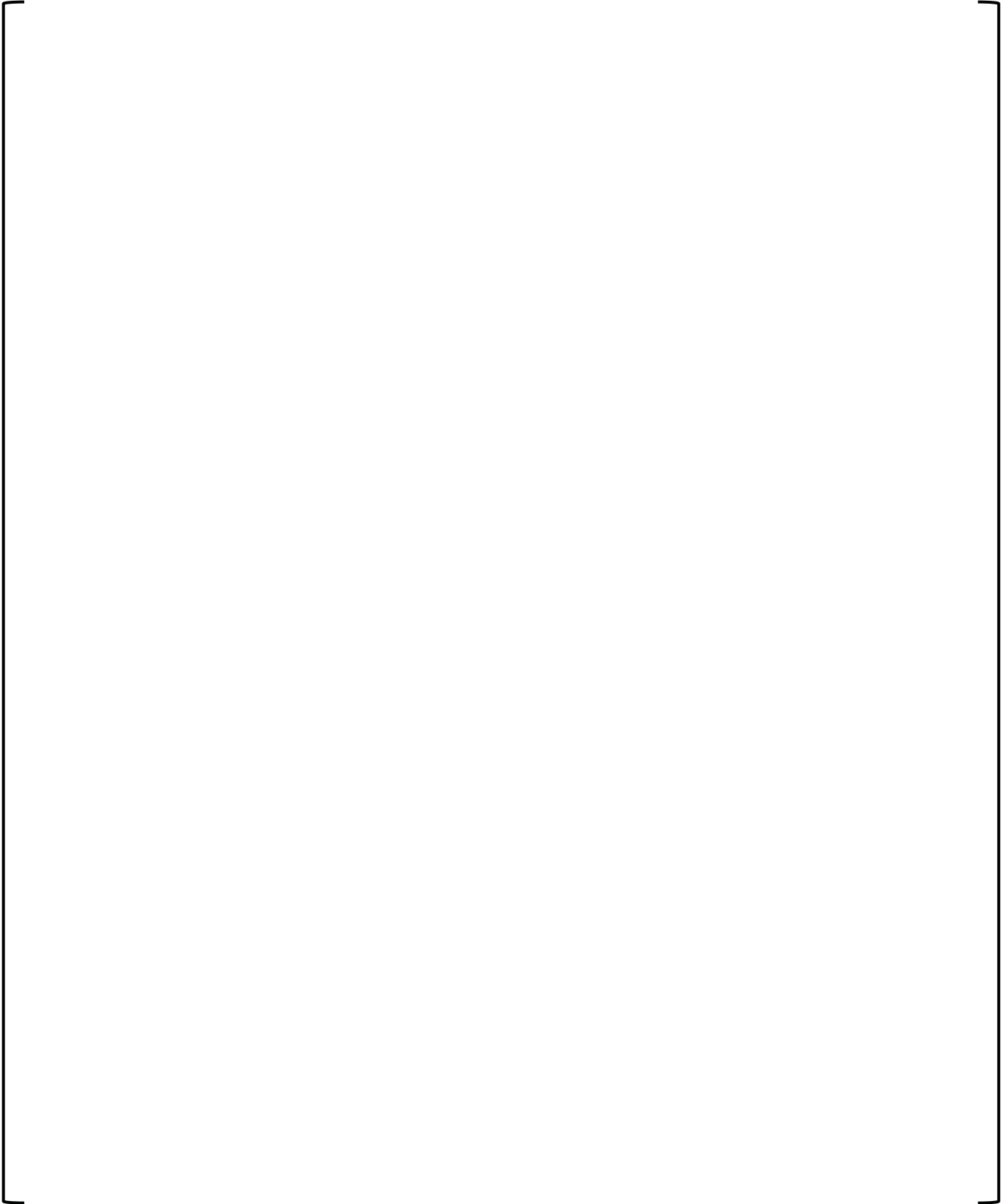
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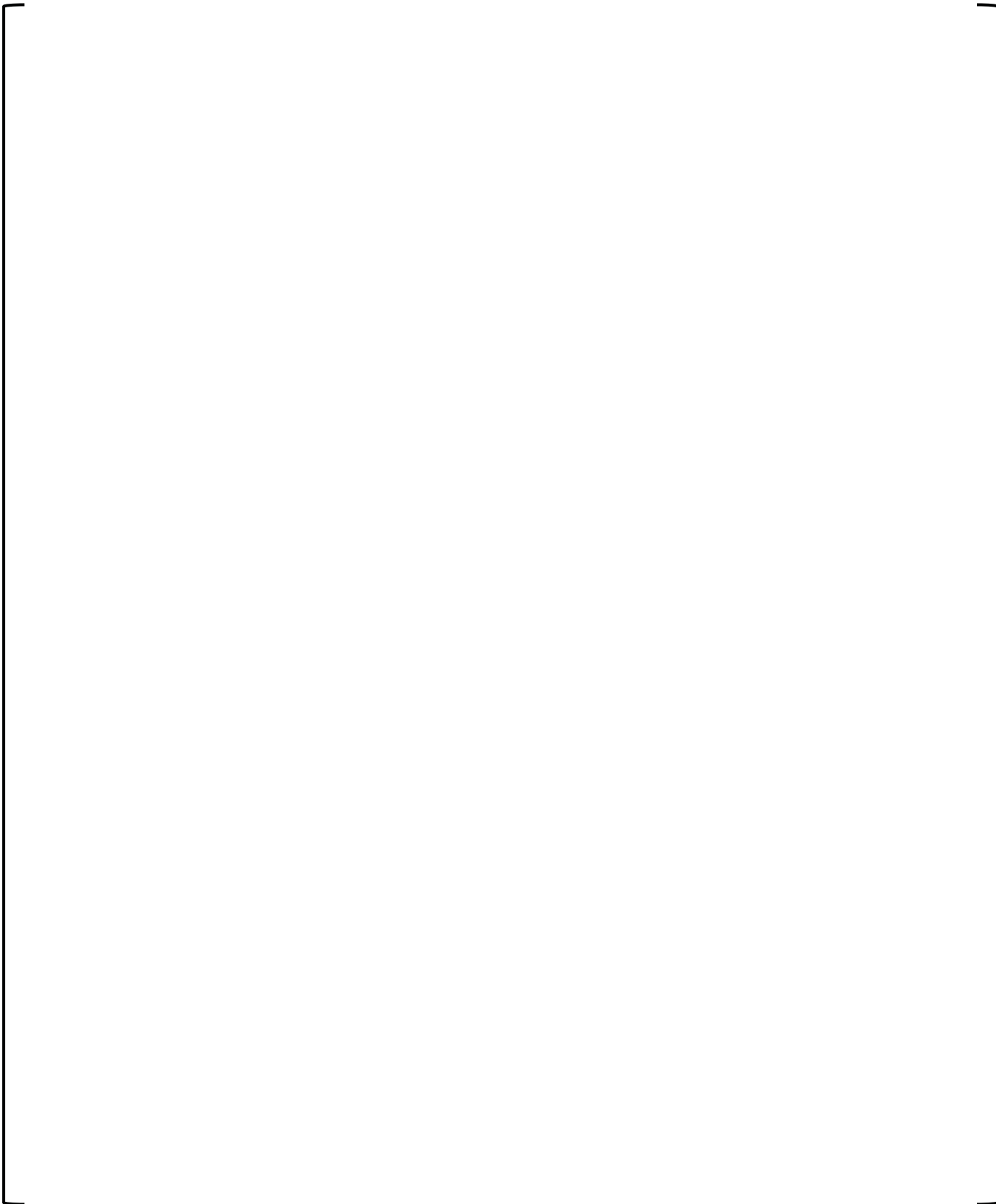




SIMULATOR BOOTH INSTRUCTIONS

a, c

COMMUNICATIONS SHEET		
Note:		
Unless stated below, acknowledge the requests made to the booth operator verbatim.		
EVENT	TIME	COMMUNICATION(S)
1	When requested	As Work Control, I&C repeat back verbatim any directions given for investigating, repairing, initiating Condition Report for failed PZR heater breaker. A return call is unnecessary.
2	When requested	As Work Control, I&C repeat back verbatim any directions given for investigating, repairing, initiating Condition Report for failed CRDM fan. A return call is unnecessary.
3	When requested	As Work Control, I&C repeat back verbatim any directions given for investigating, repairing, initiating Condition Report for lowering accumulator pressure. A return call is unnecessary.
3	When requested	As Work Control, Maintenance, RP, Engineering , repeat back verbatim any directions given for making preparations to enter containment for investigating the leaking accumulator.
4	When requested	As Work Control, I&C repeat back verbatim any directions given for investigating, repairing, initiating Condition Report for tripped SFS Pump A. A return call is unnecessary.
4	When requested	As Work Control , repeat back verbatim any directions given for checking position of SFS valves in step 15 RNO. <i>5 minutes after requested, report "valves in AOP-116, step 15 RNO b and c are in the required positions."</i>
5	Examiner request	Enter the control room to hand the SS results from B-GEN-PLMM-201 for review.
6	none	
7	none	
8	none	
9	none	
10	none	

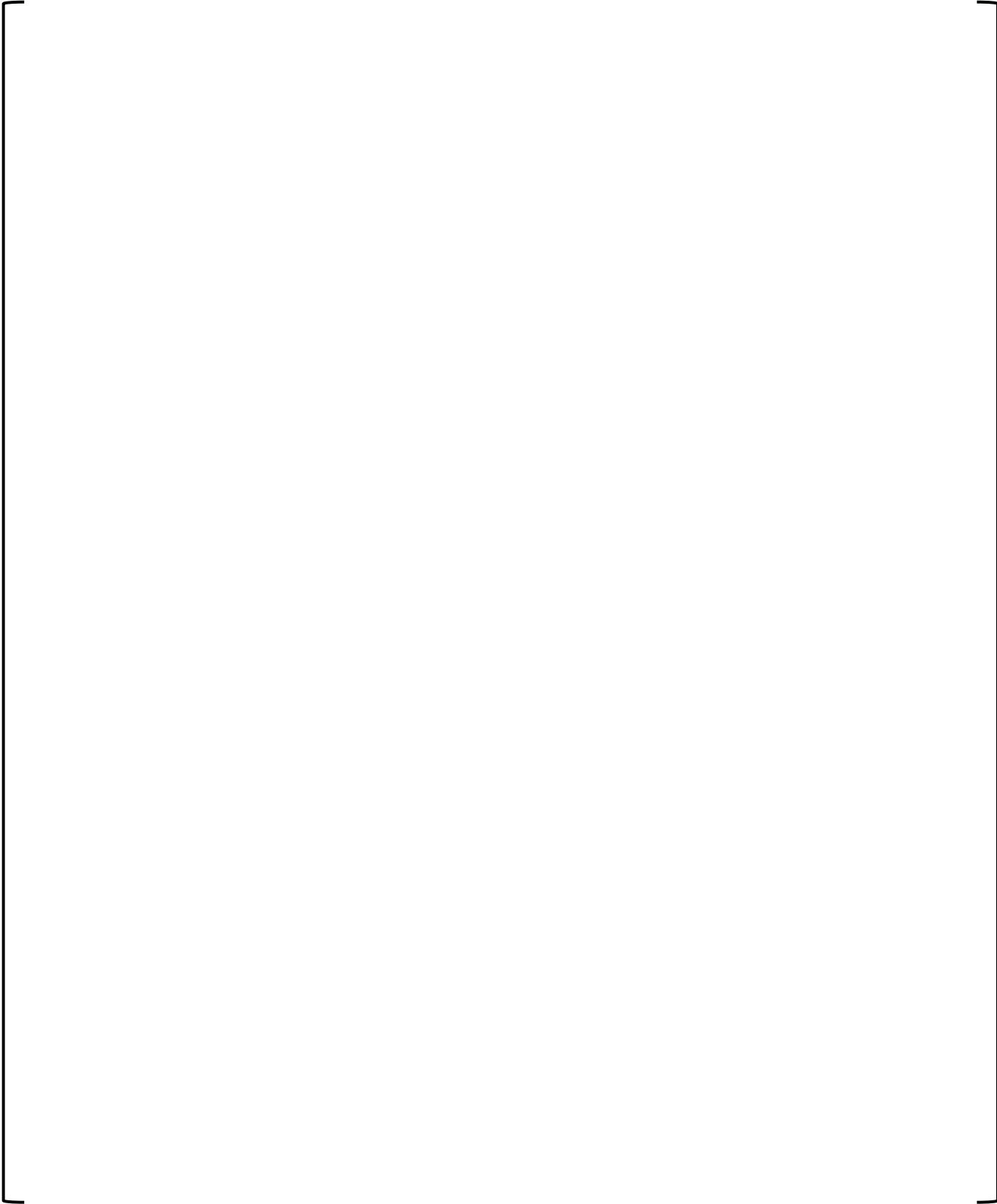


a, c

EOP based Critical Task

a, c

EOP based Critical Task



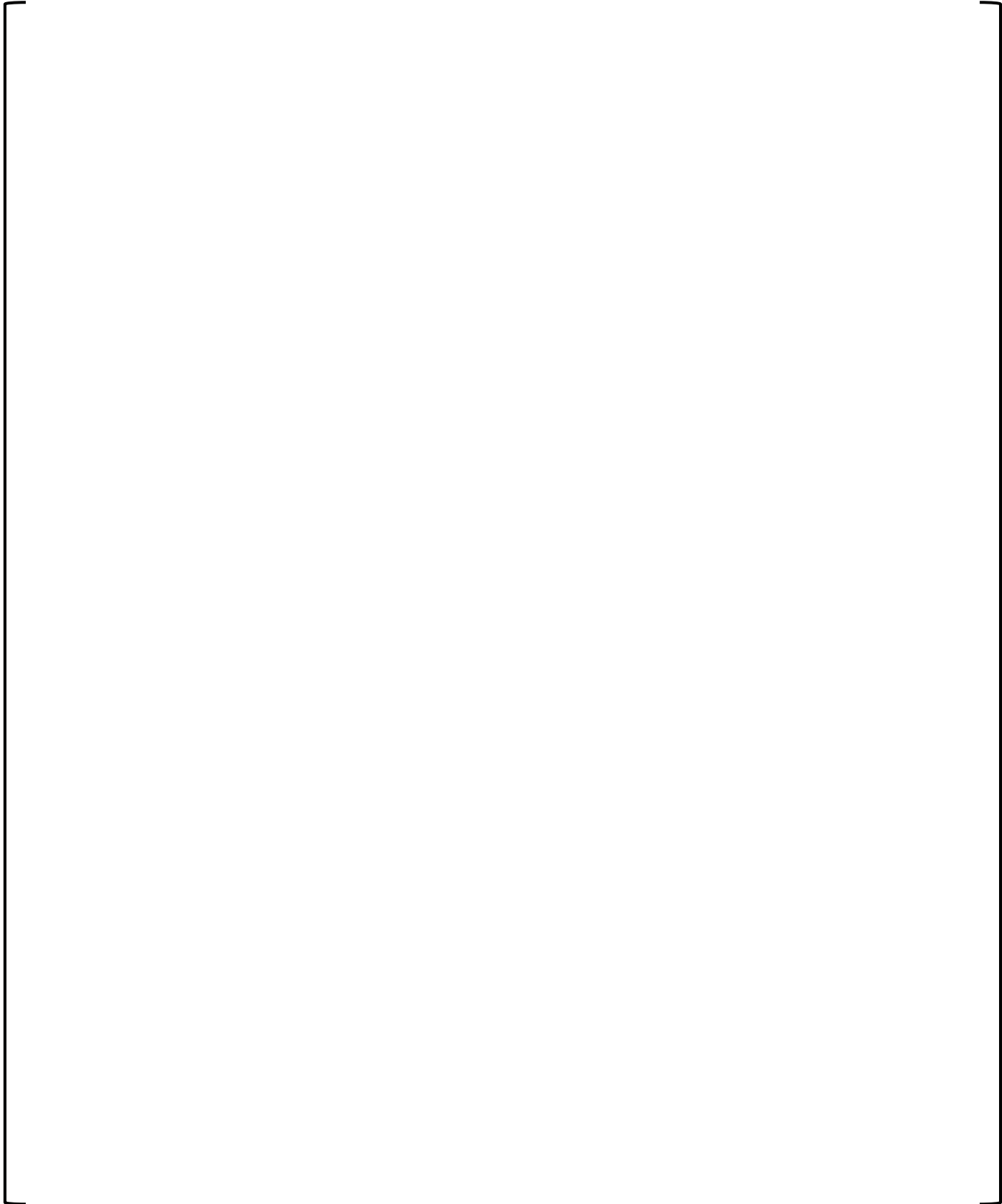
a, c

SCENARIO REVIEW CHECKLIST

SCENARIO NUMBER: 3

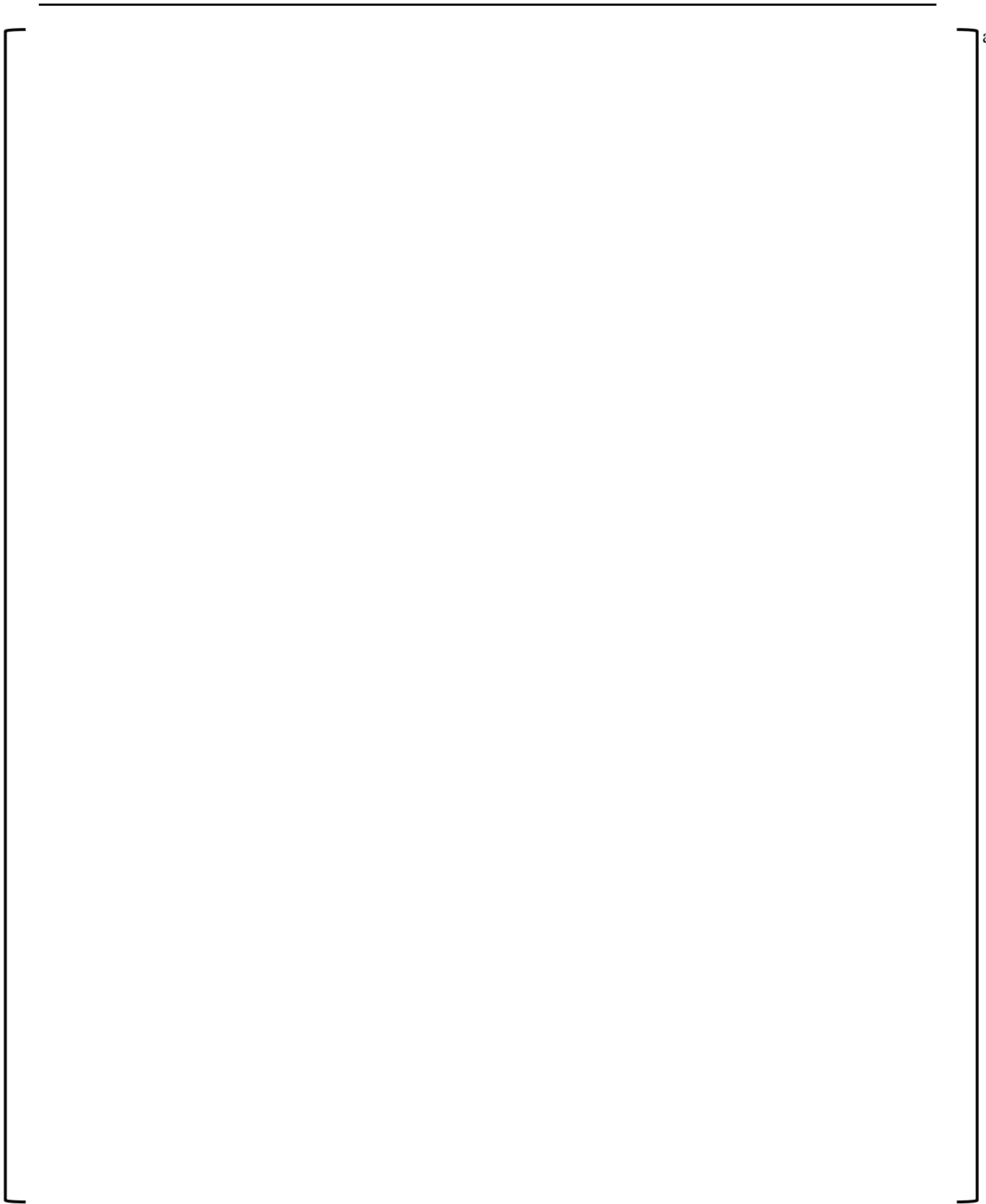
VALIDATION TIME: 80 minutes (1st validation) / 109 minutes (2nd validation)

Target Quantitative Attributes (Per Scenario; See Section D.5.d) (Bottom of ES-301-4)	Actual Attributes				
1. Malfunctions after EOP entry (1-2)	3 (Events 8, 9, & 10)				
2. Abnormal events (2-4)	5 (Events 1, 2, 3, 4 & 6)				
3. Major transients (1-2)	1 (Event 7)				
4. EOPs entered/requiring substantive actions (1-2)	1 (E-0)				
5. EOP contingencies requiring substantive actions (0-2)	0				
6. EOP based Critical tasks (2-3)	2 (Events 8 & 9)				
7. Total number of Critical Tasks (2 - 6)	2 (Events 8 & 9)				
(ES-301-5)					
	R	N	I/C	M	TS
SRO	1	1	7	1	2
OATC	0	0	4	1	0
UO	1	1	3	1	0

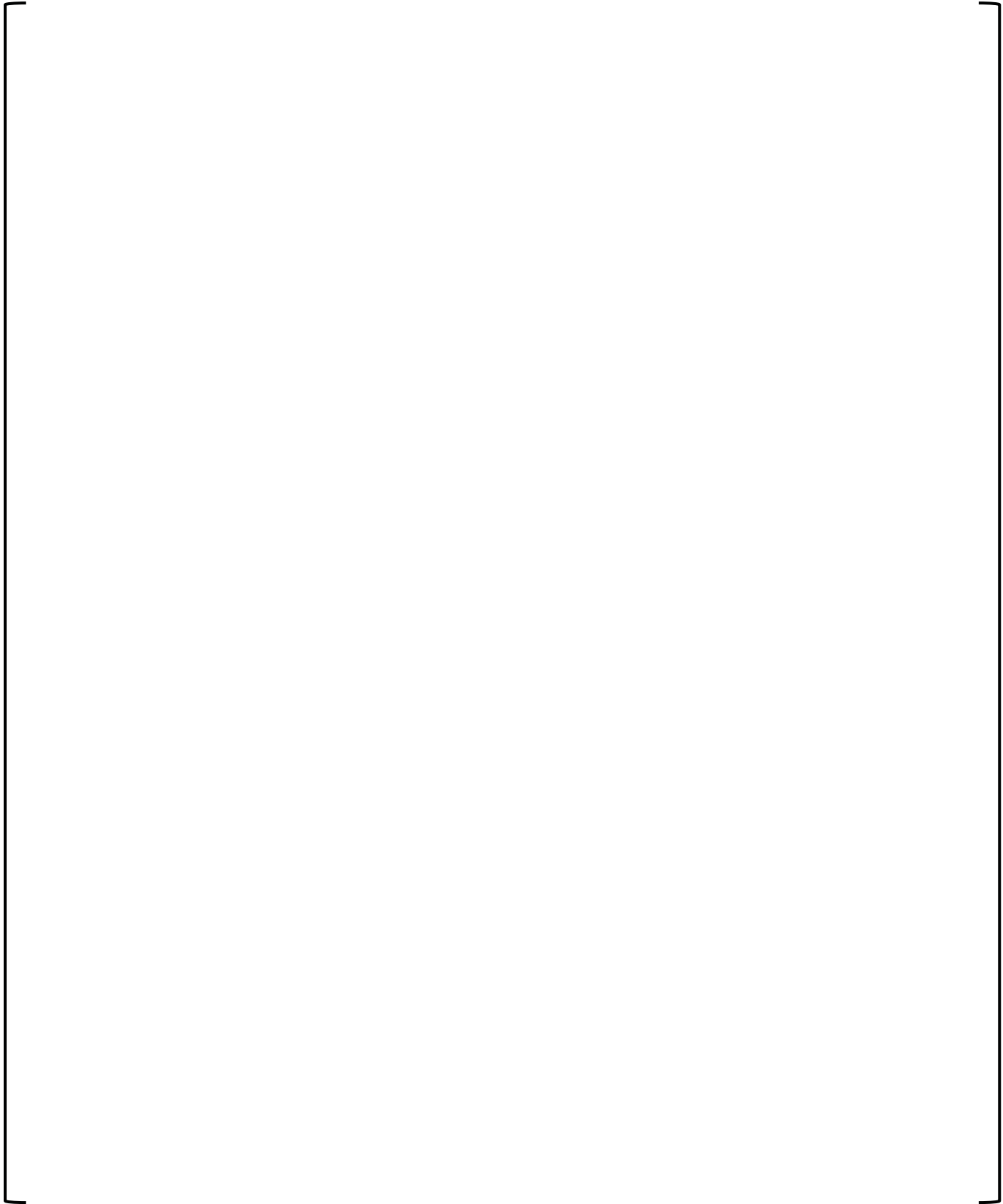


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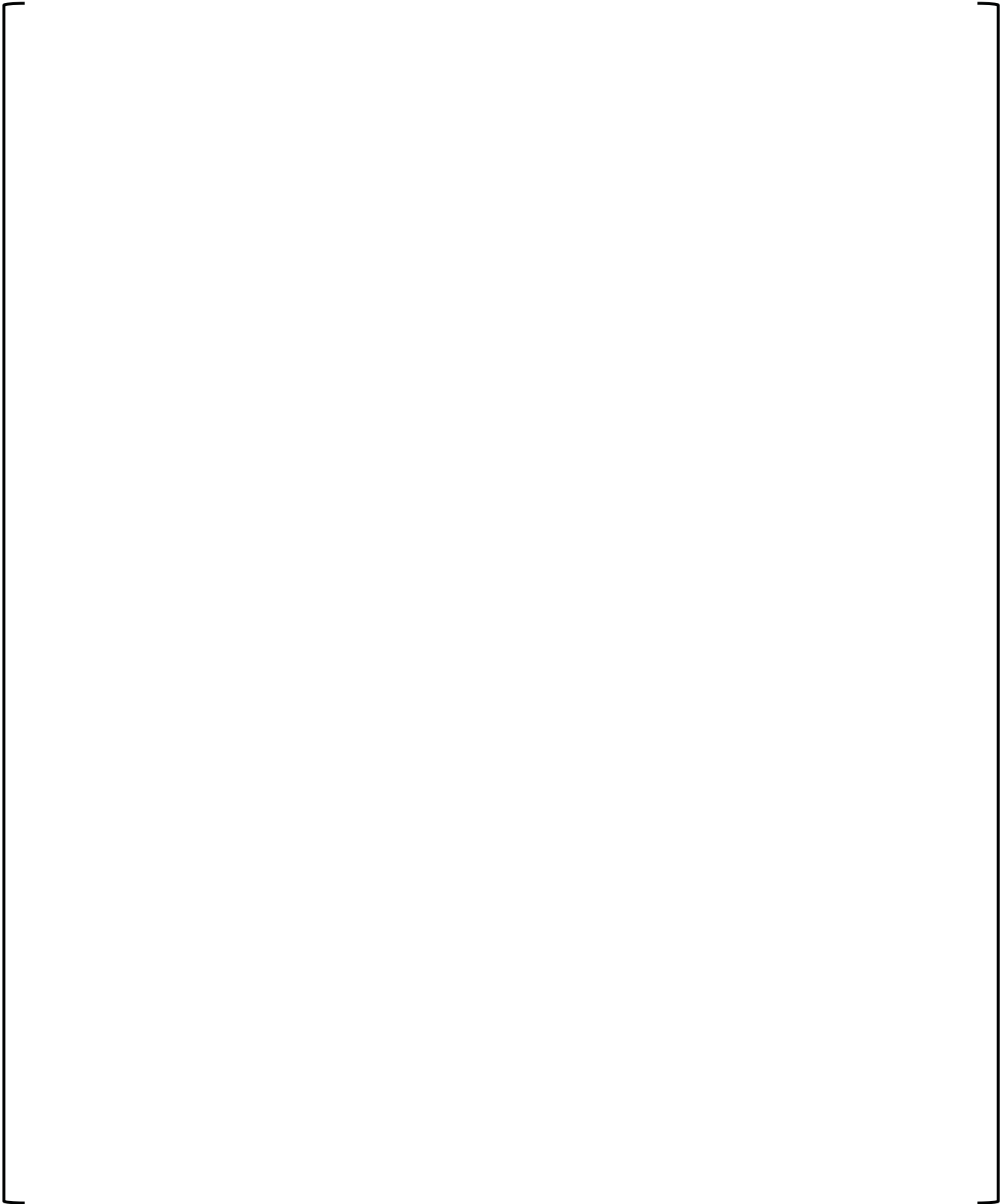
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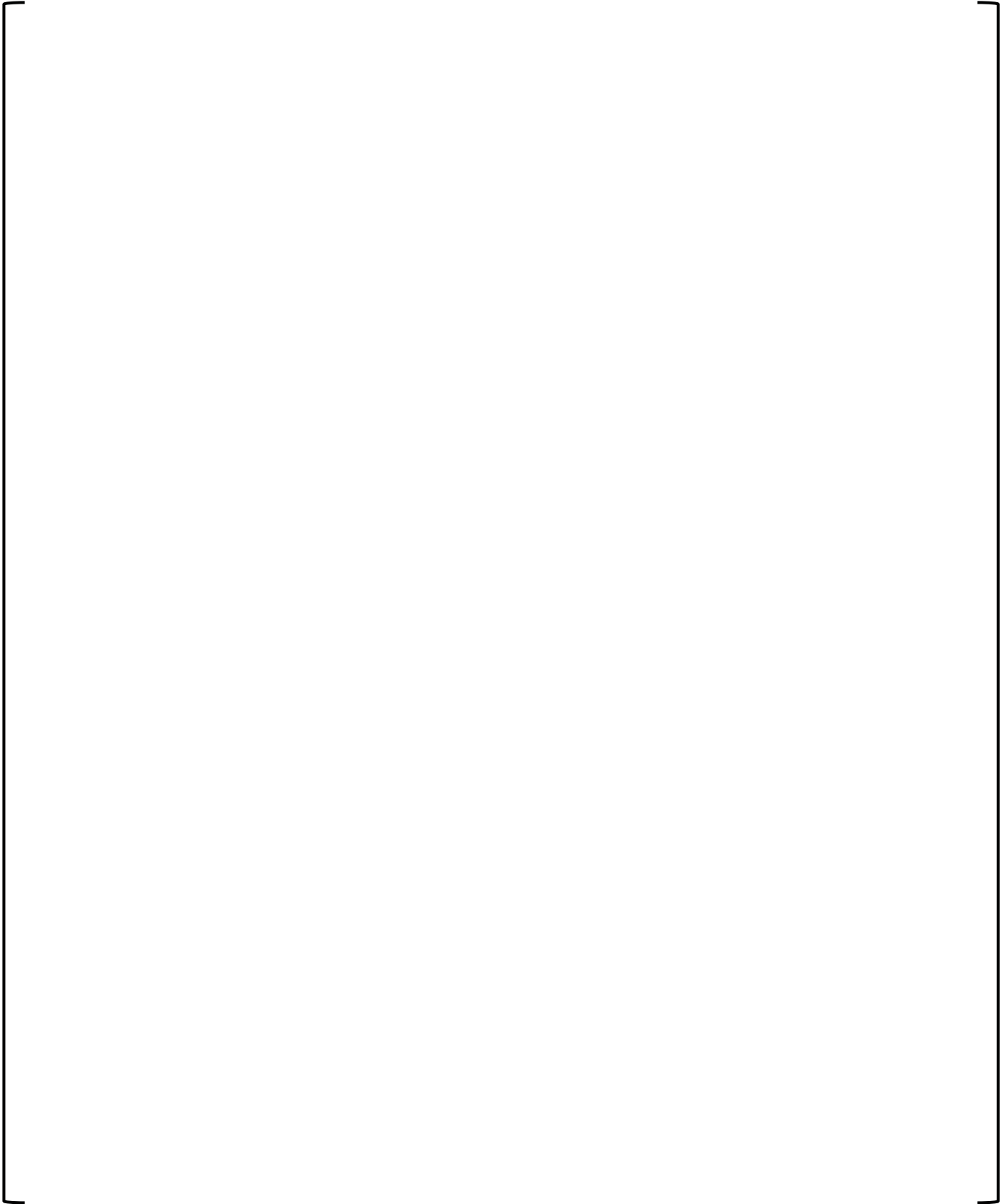
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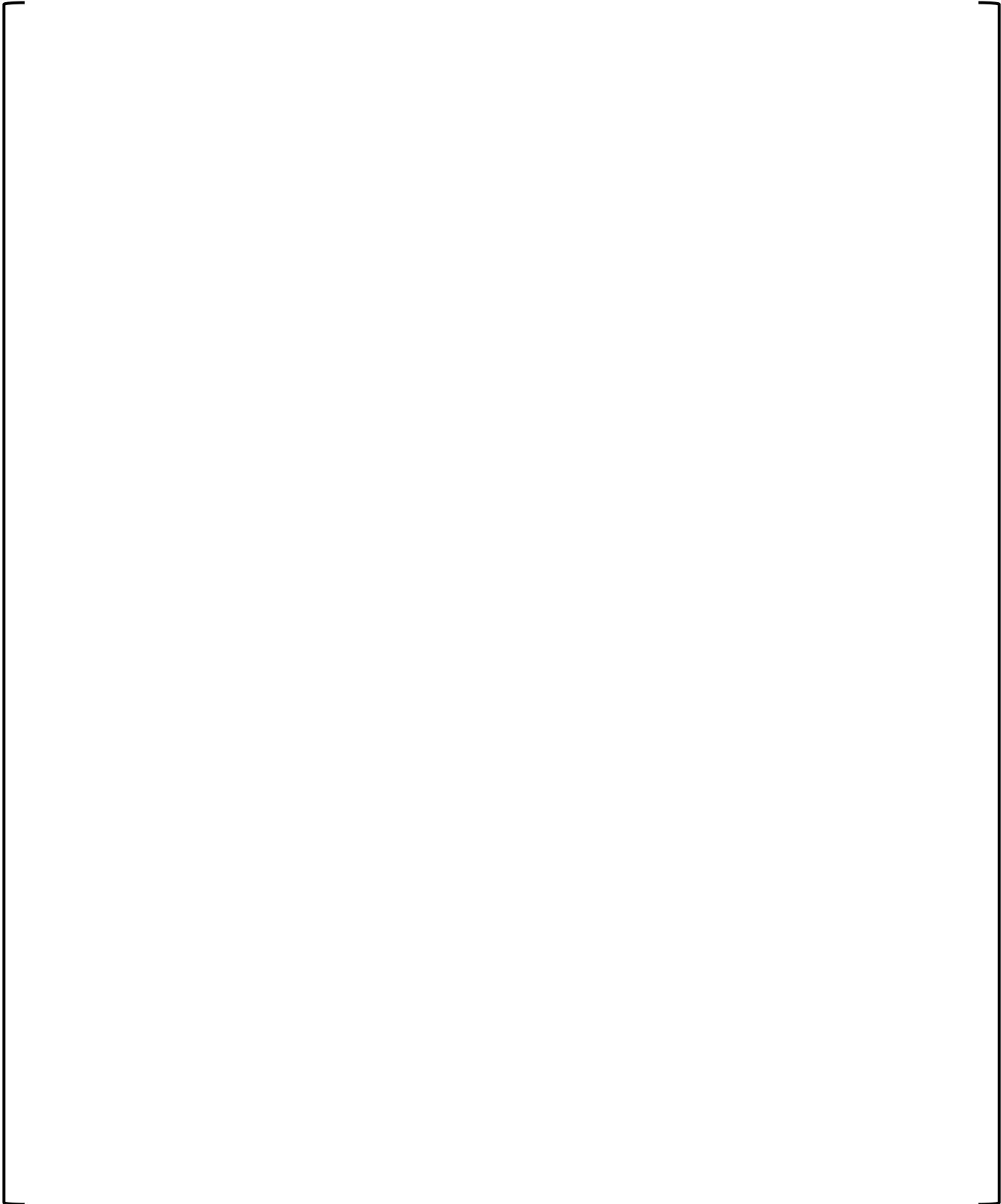
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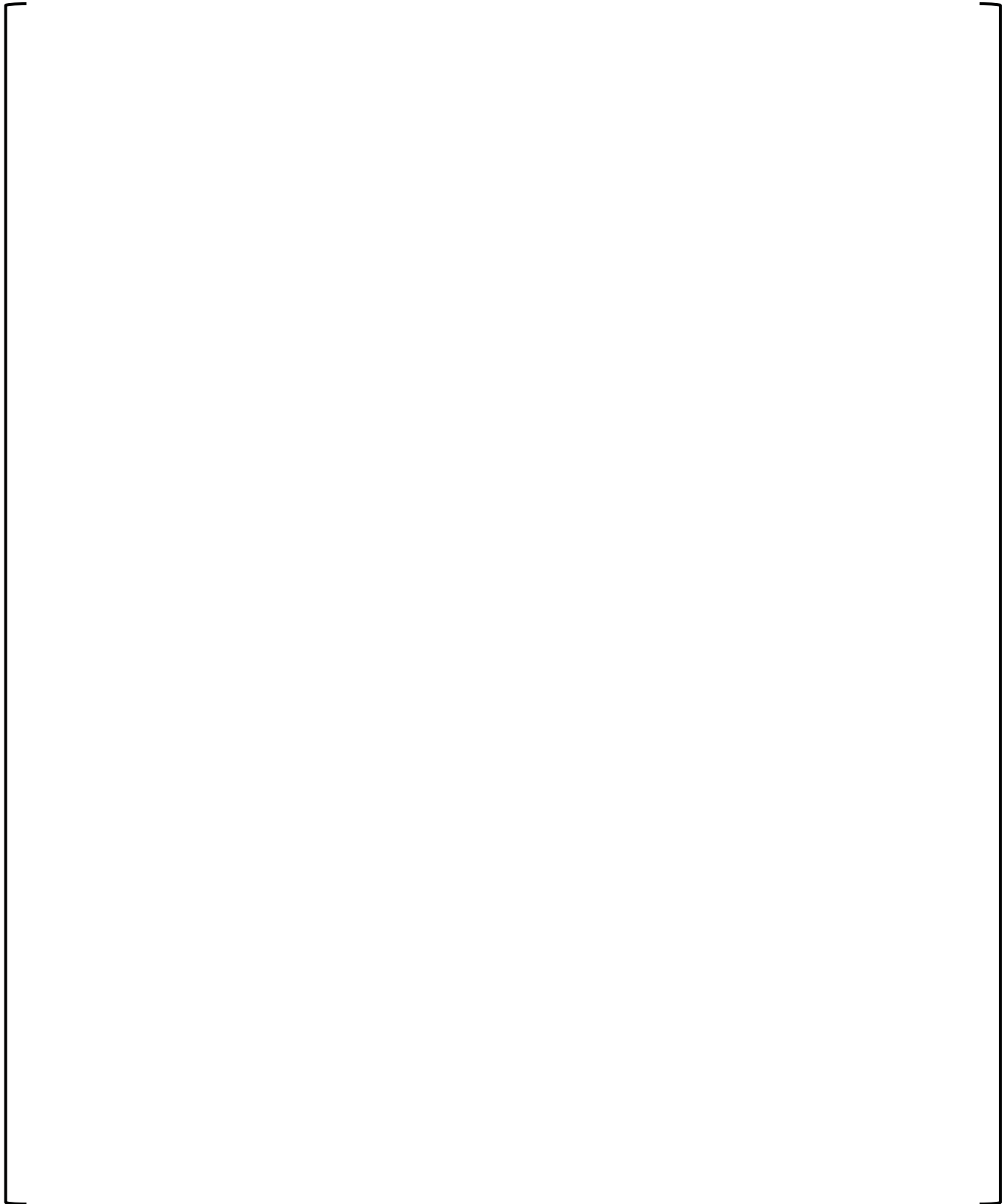
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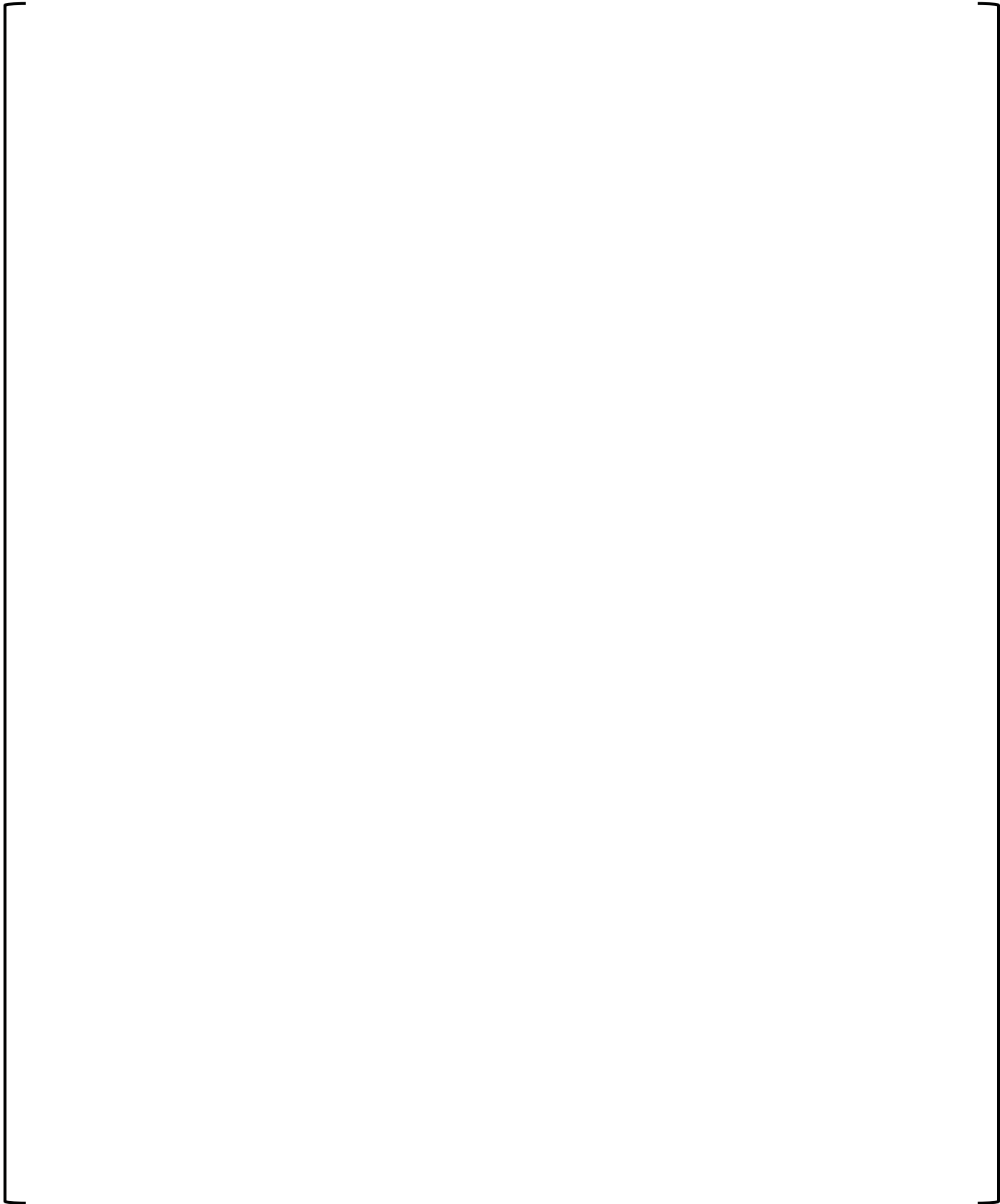
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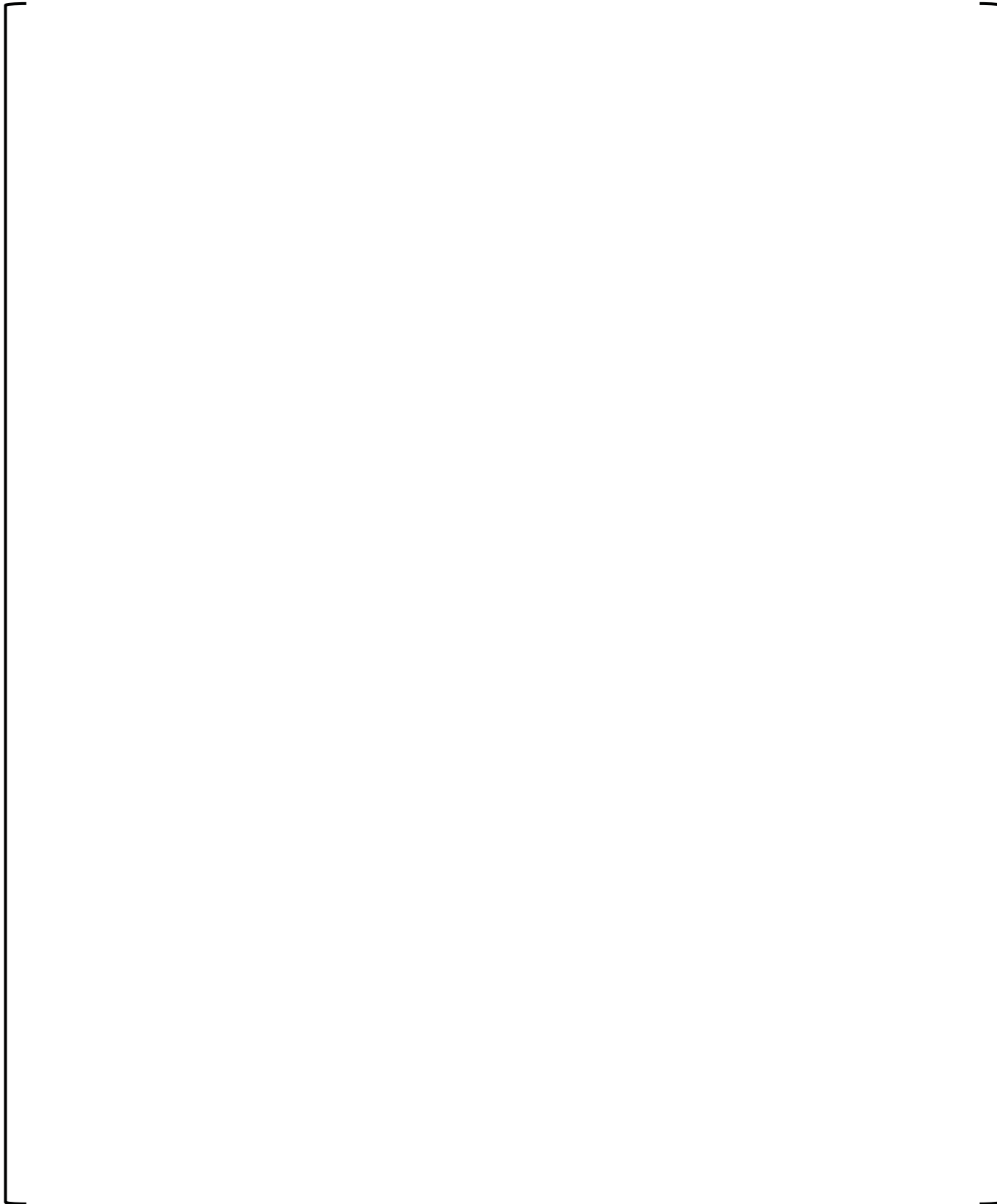
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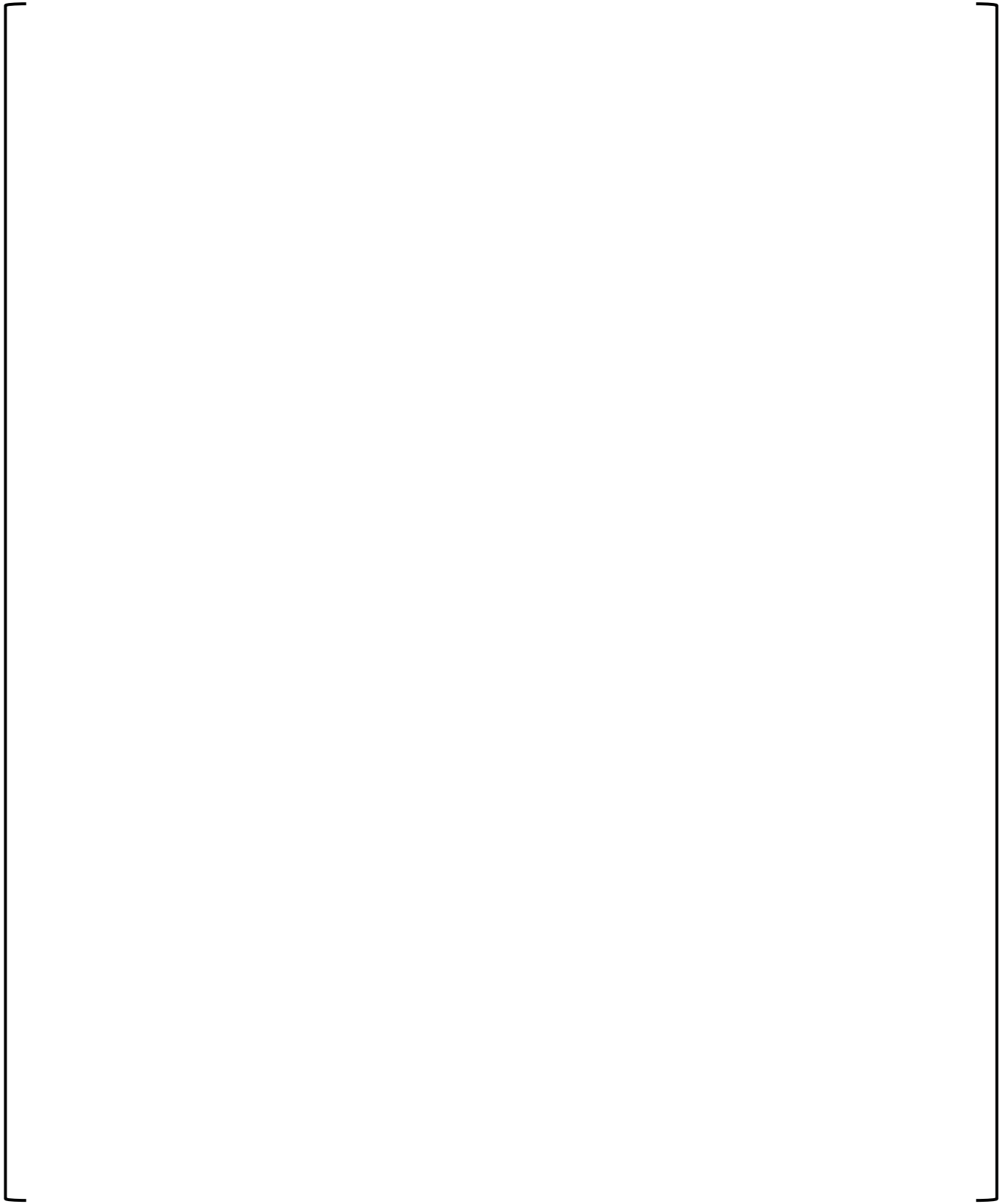
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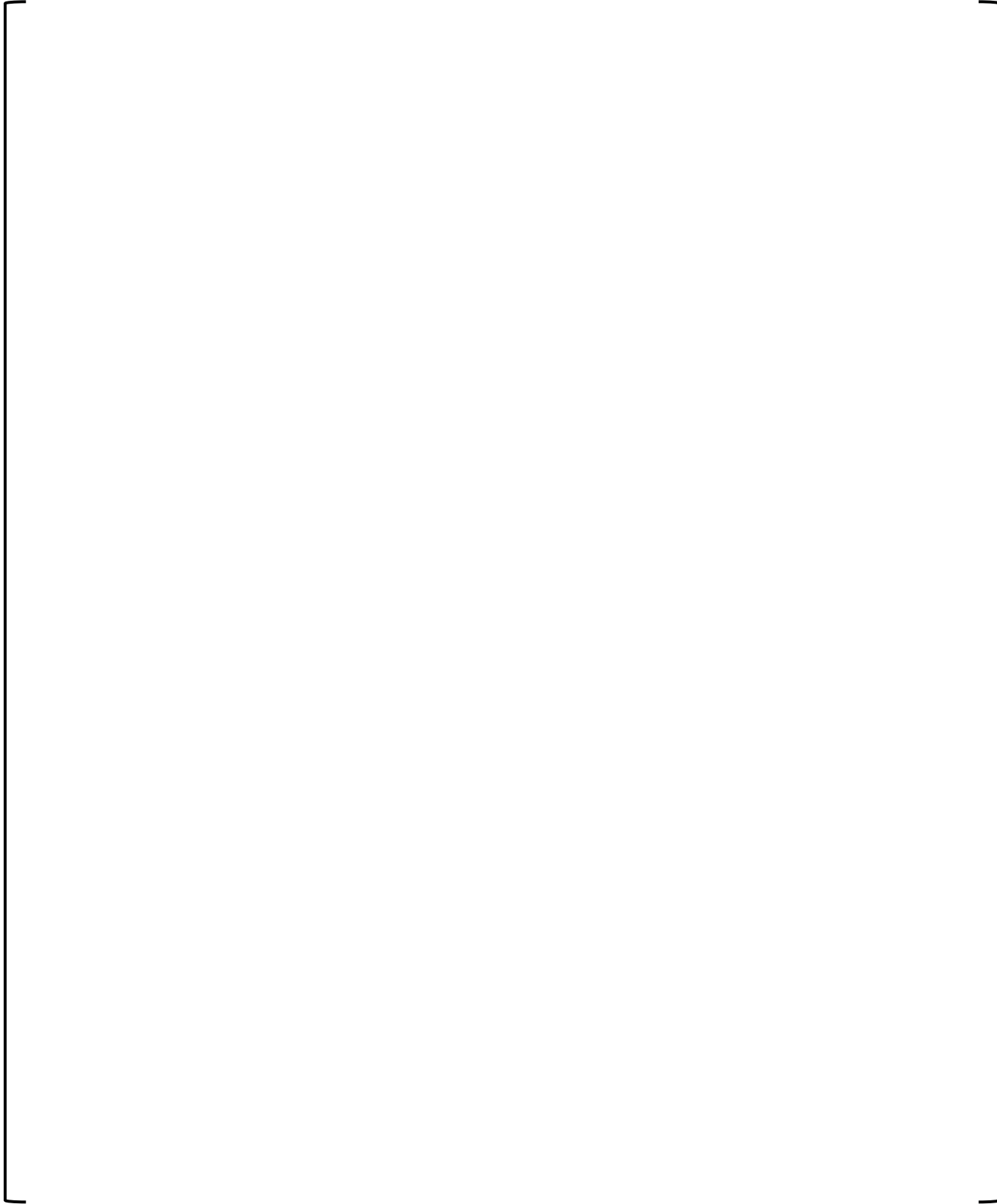
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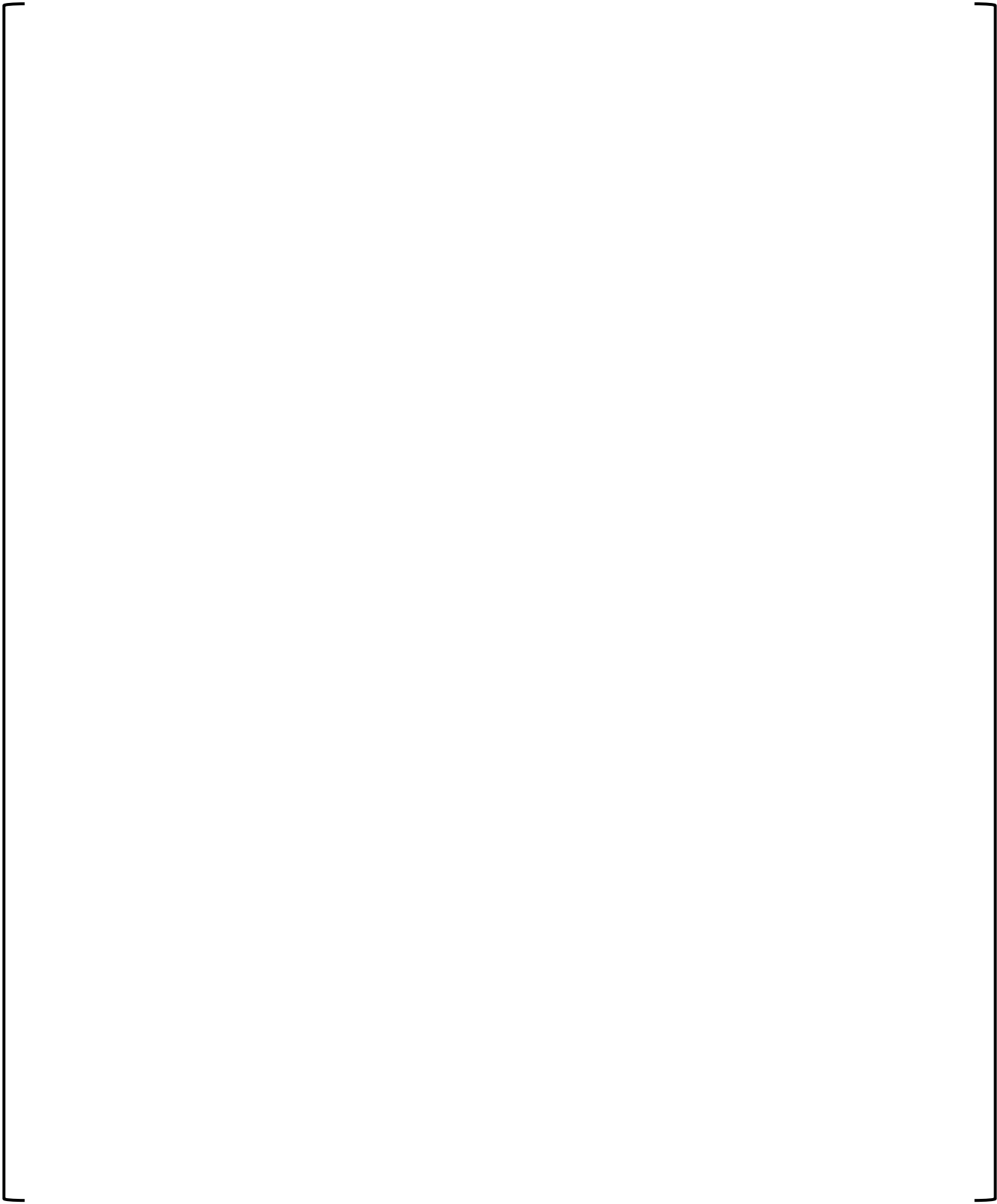
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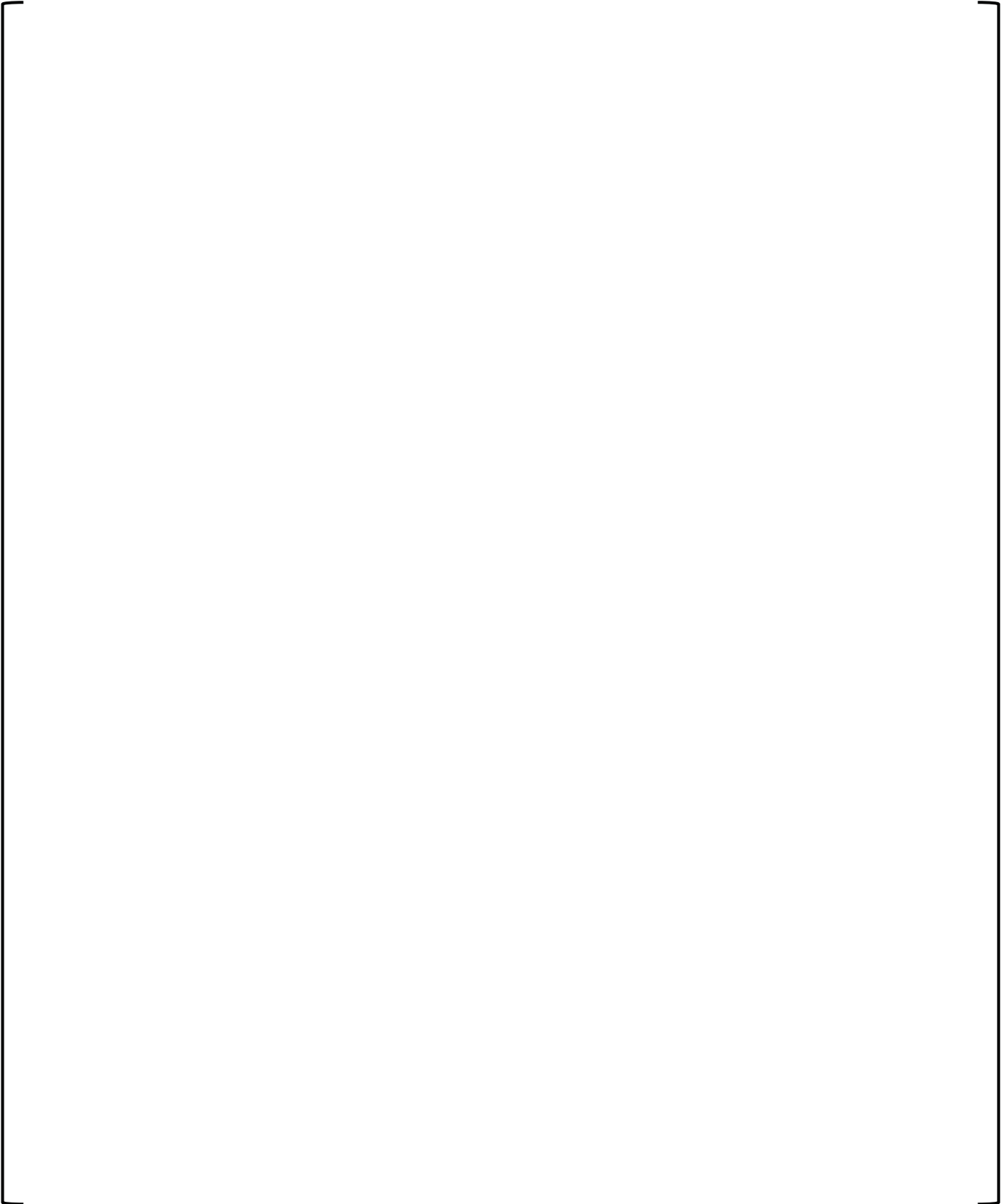


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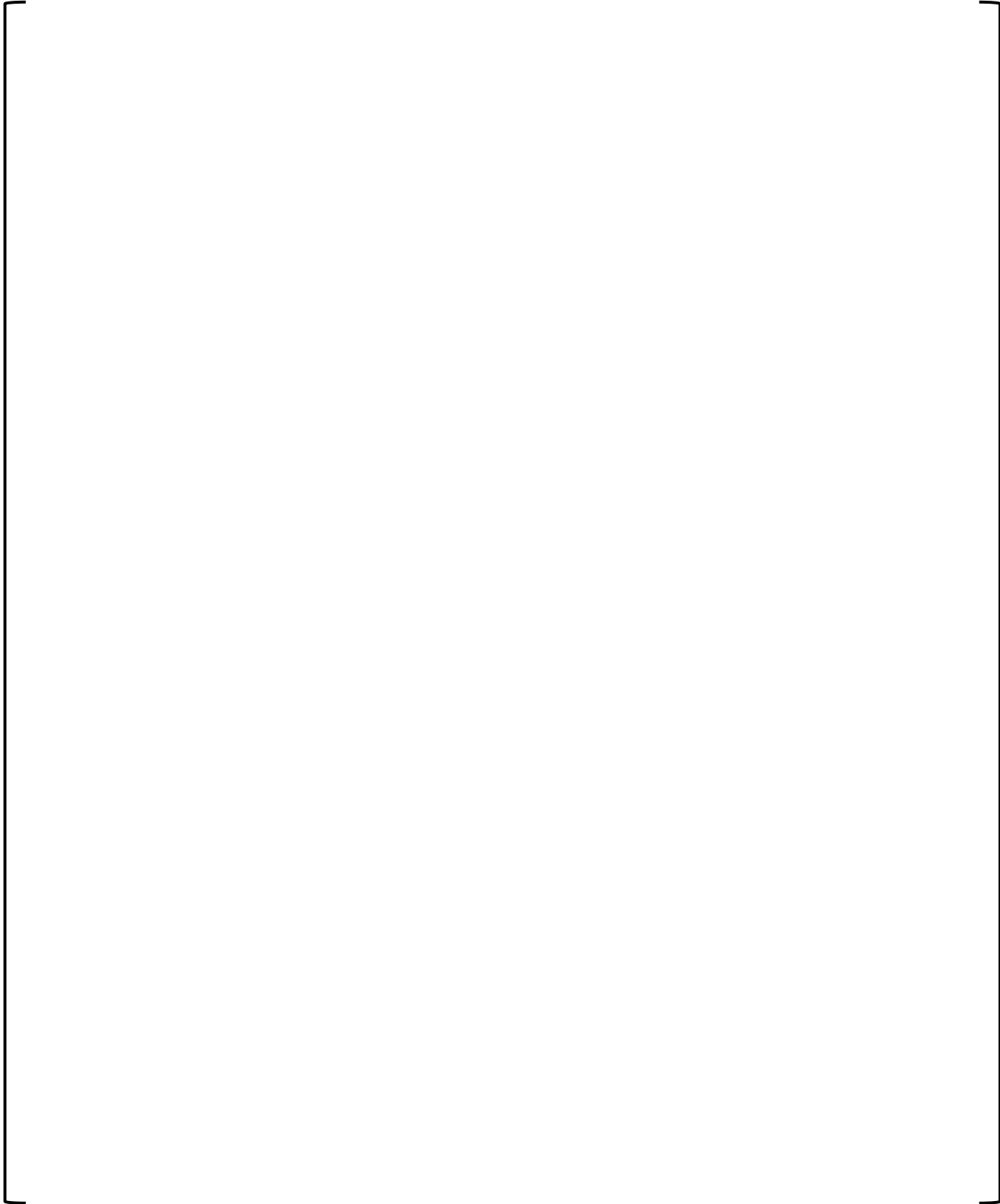
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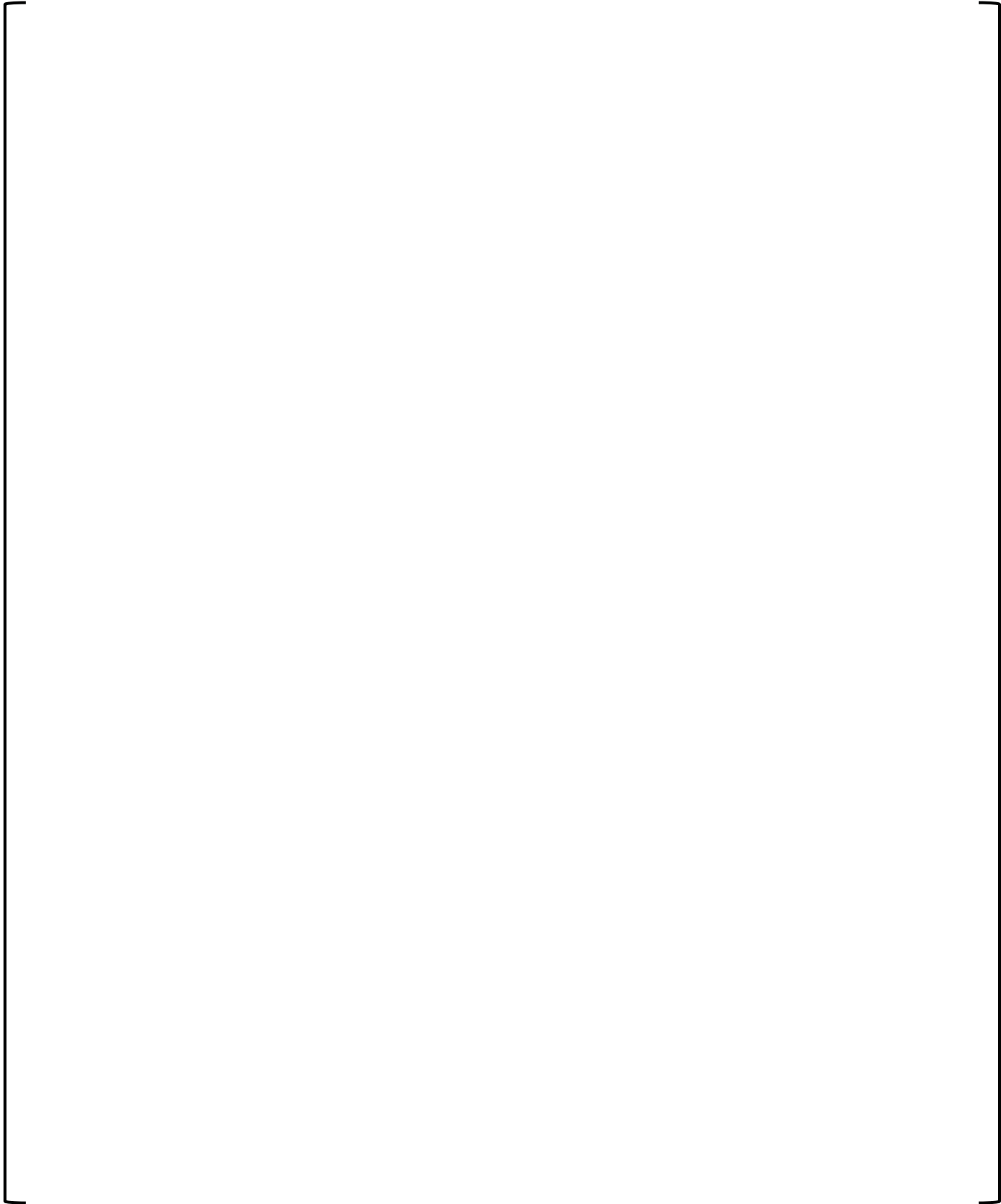
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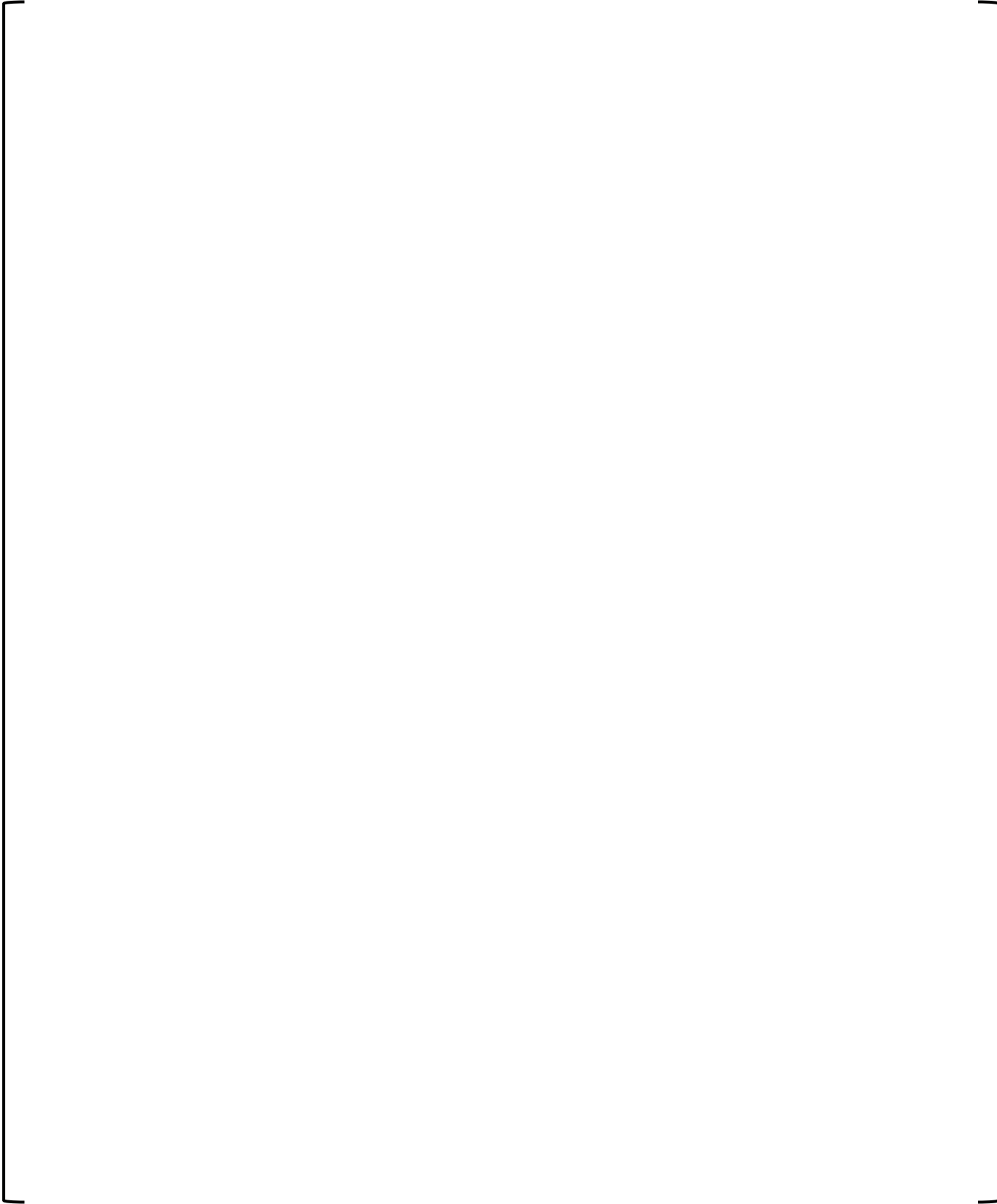


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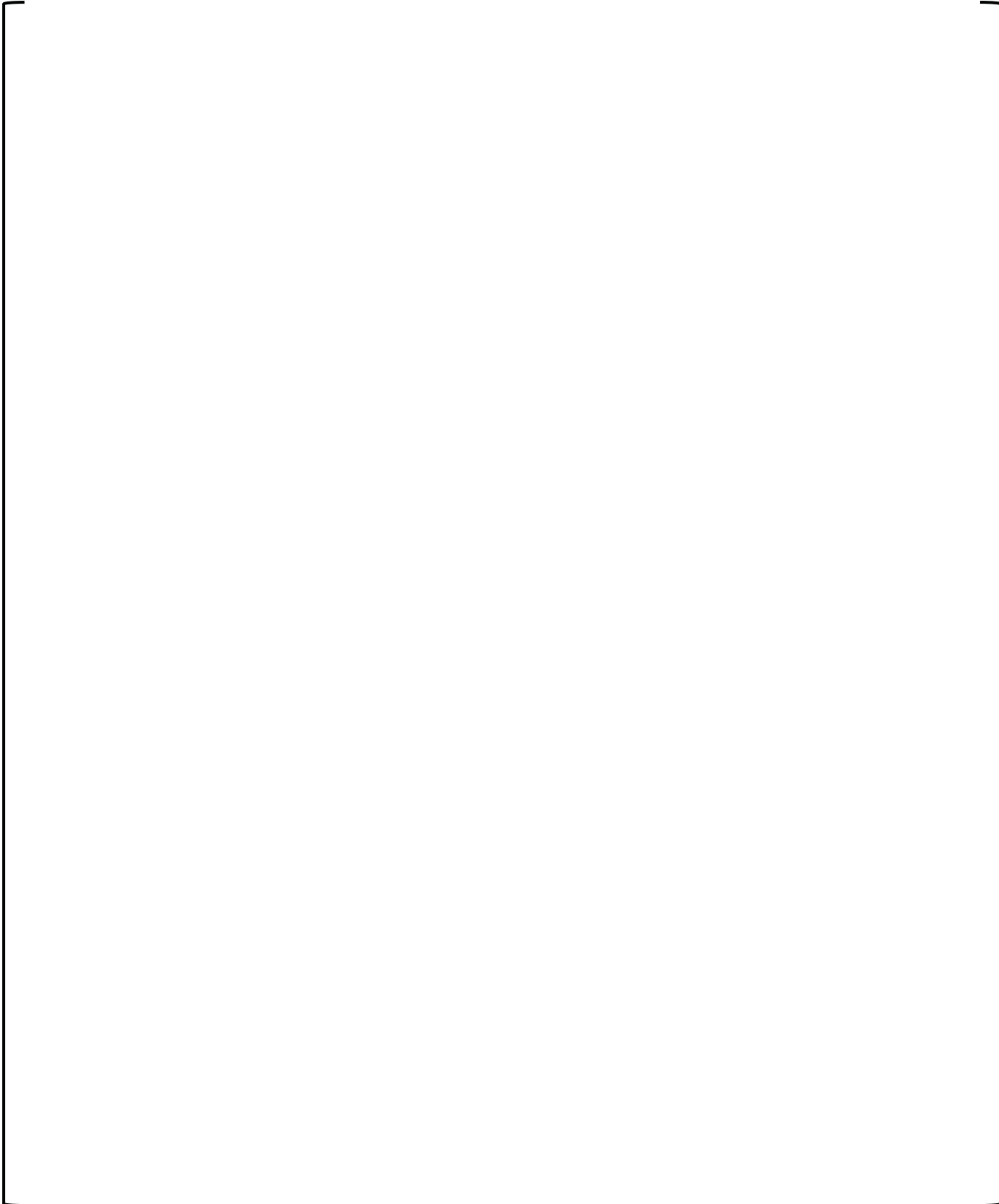


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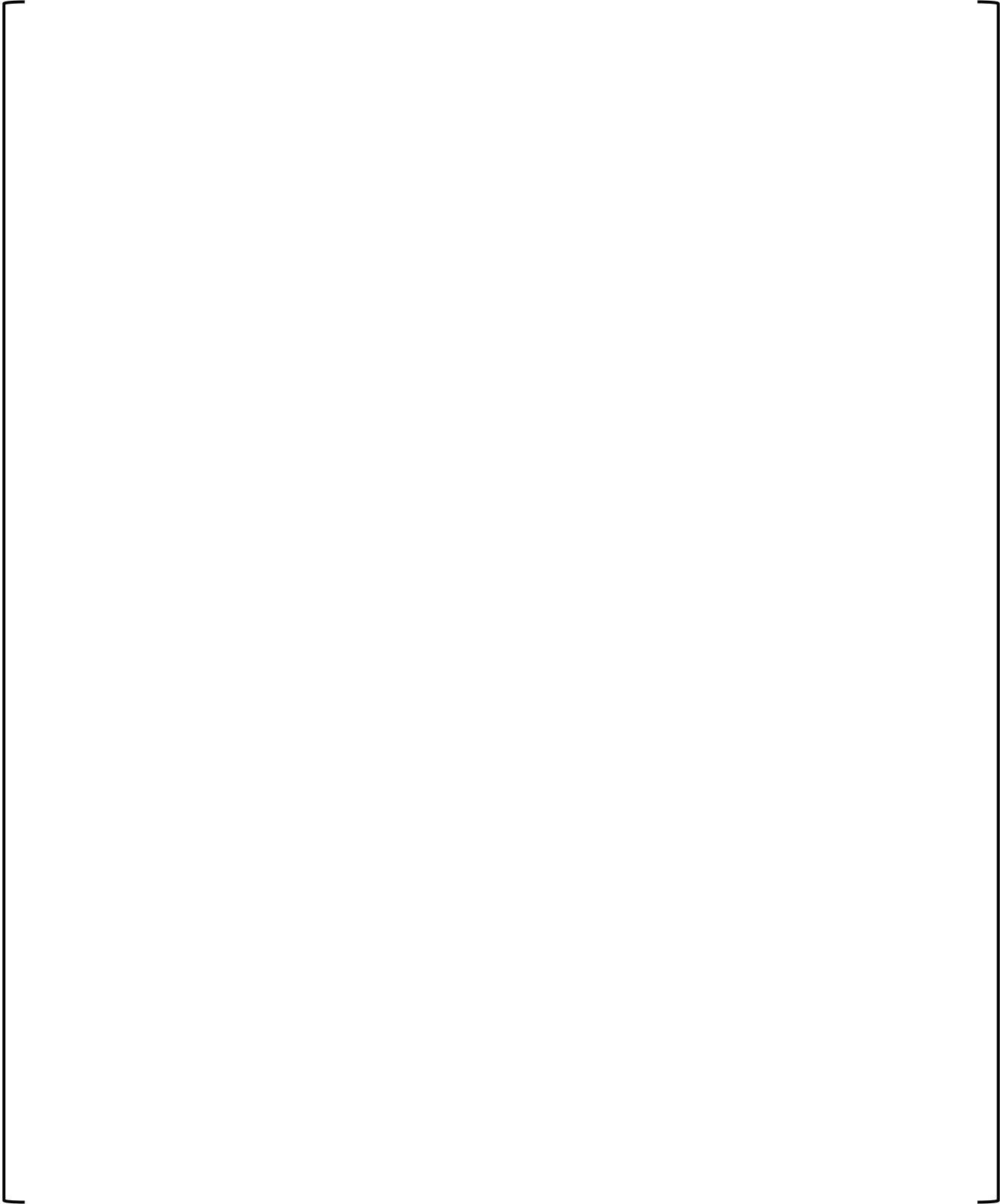




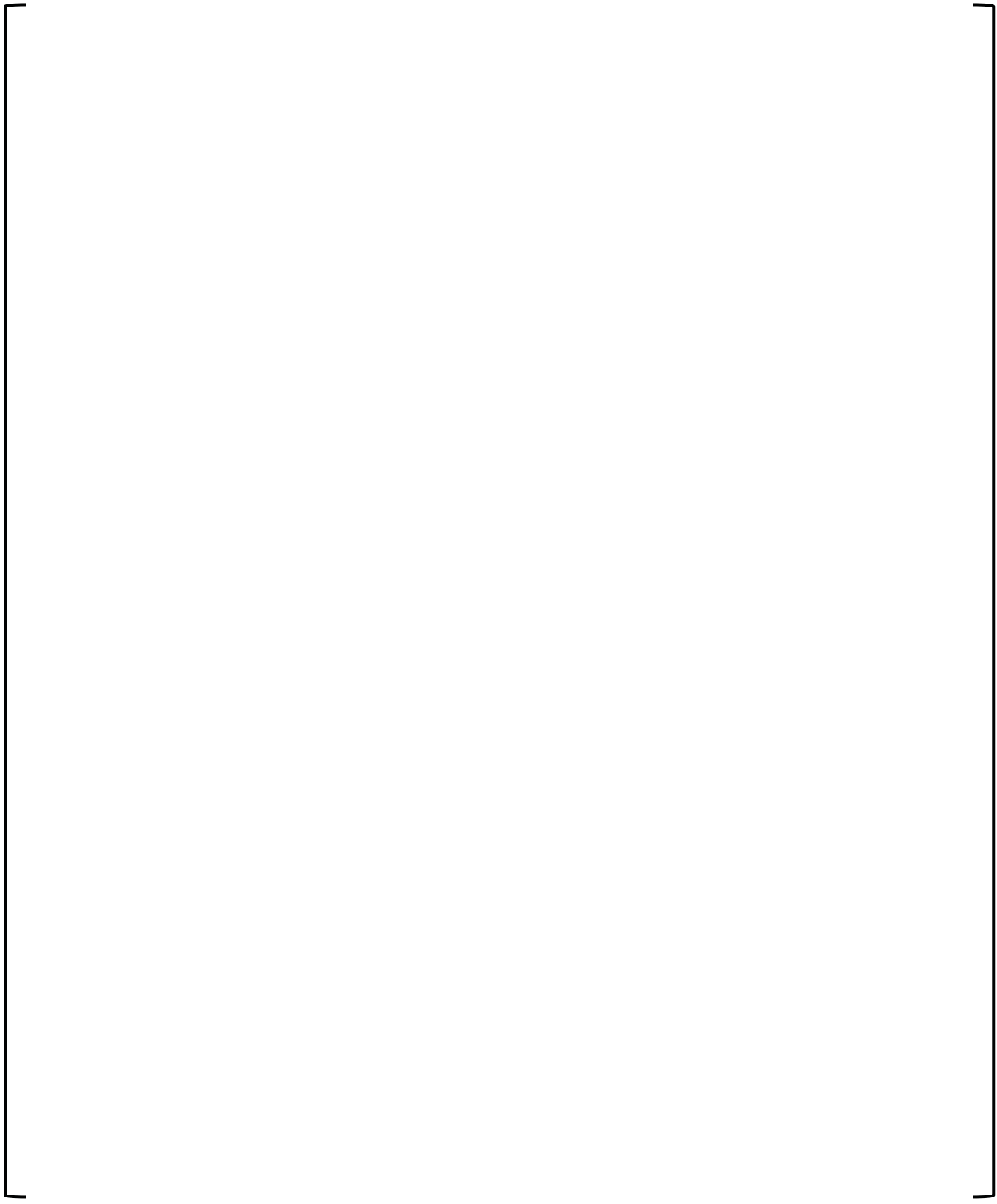
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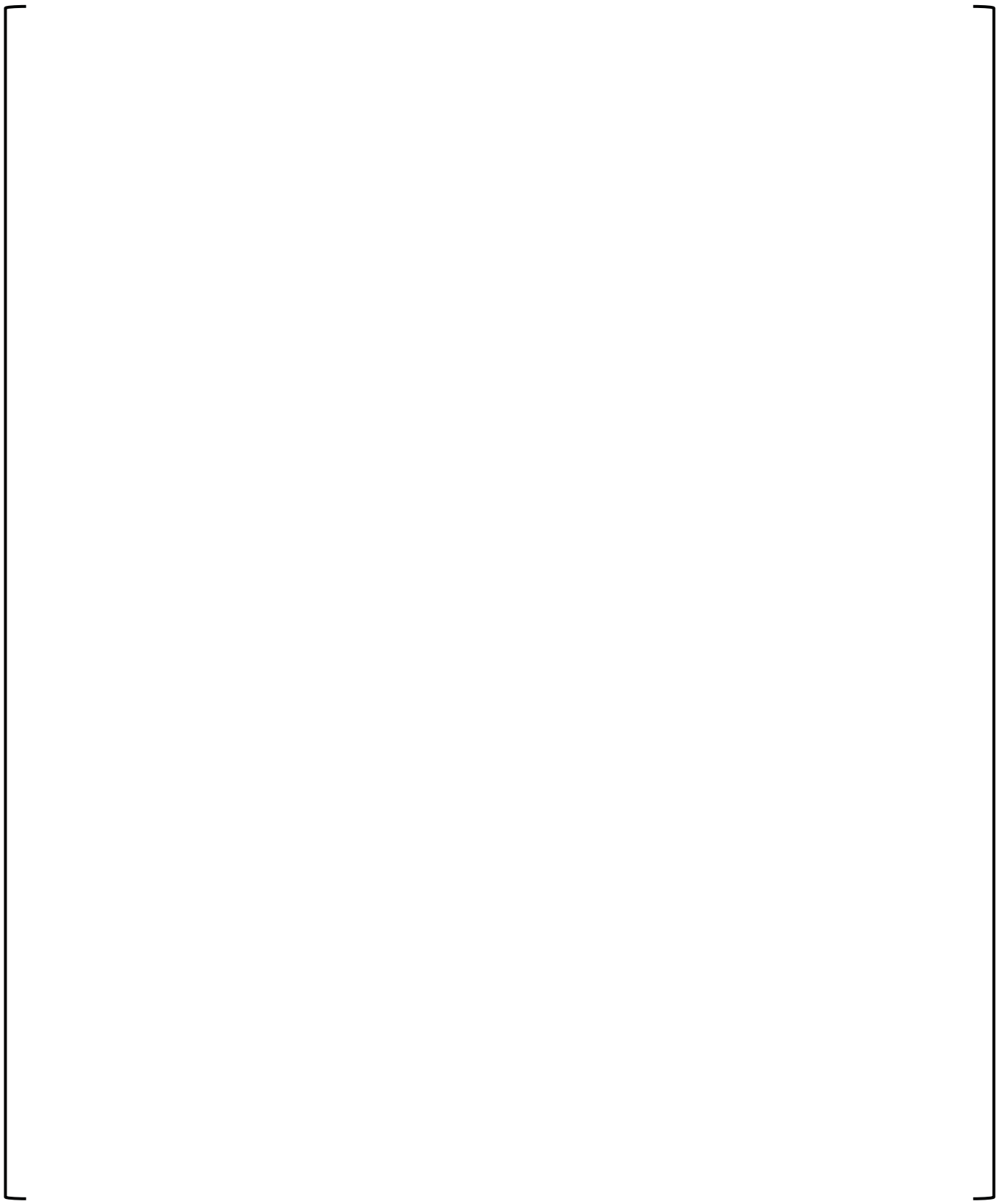
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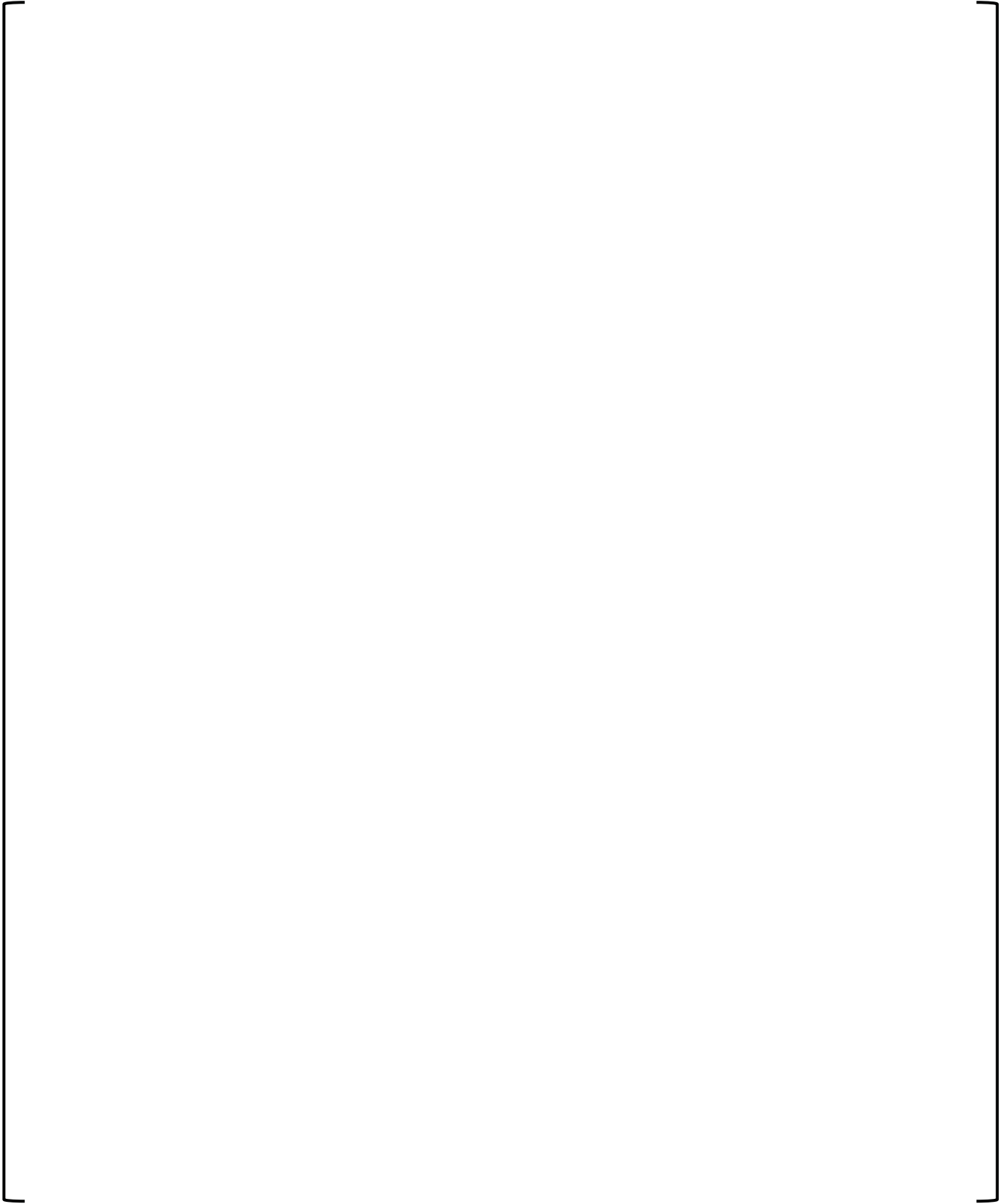
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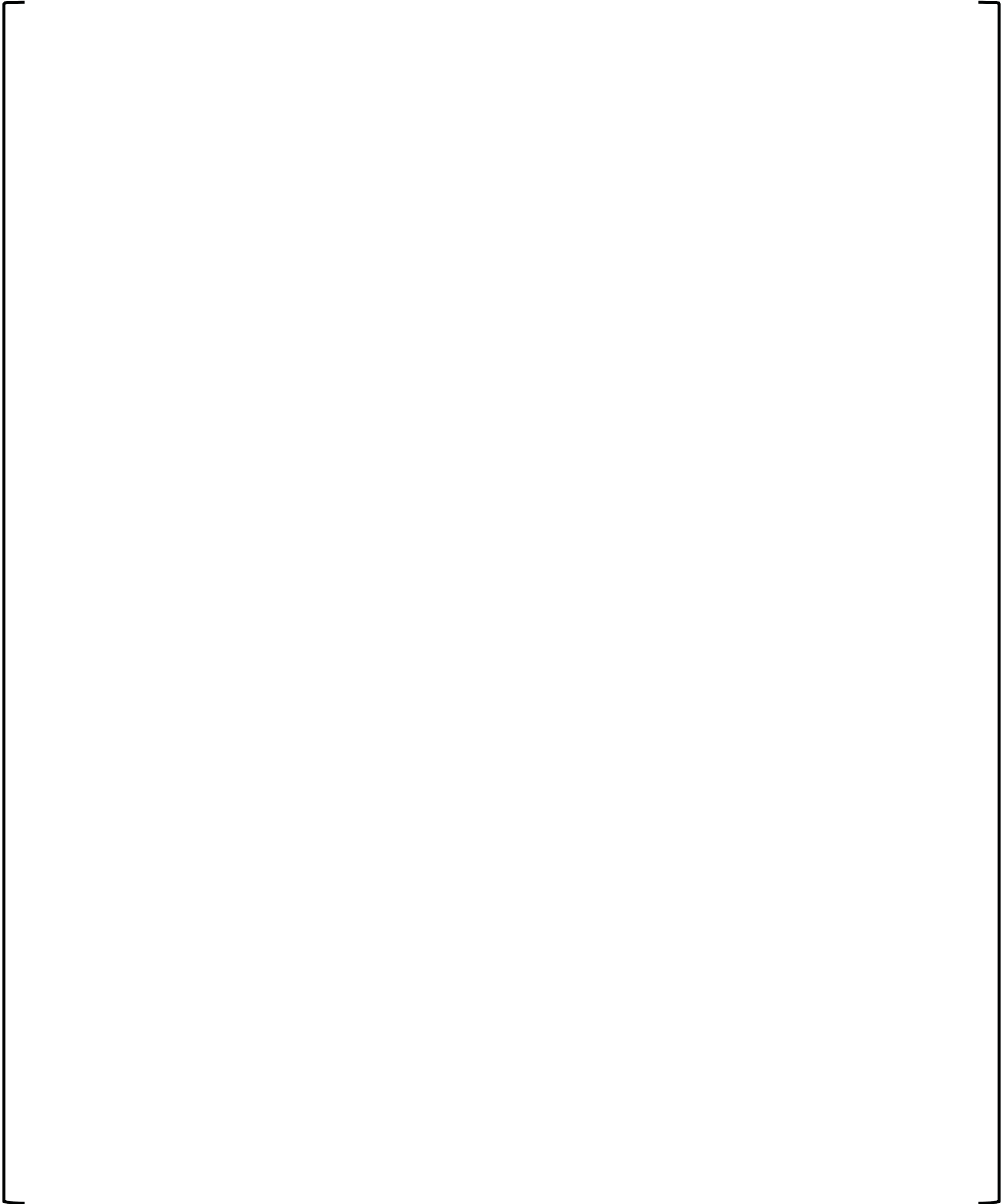


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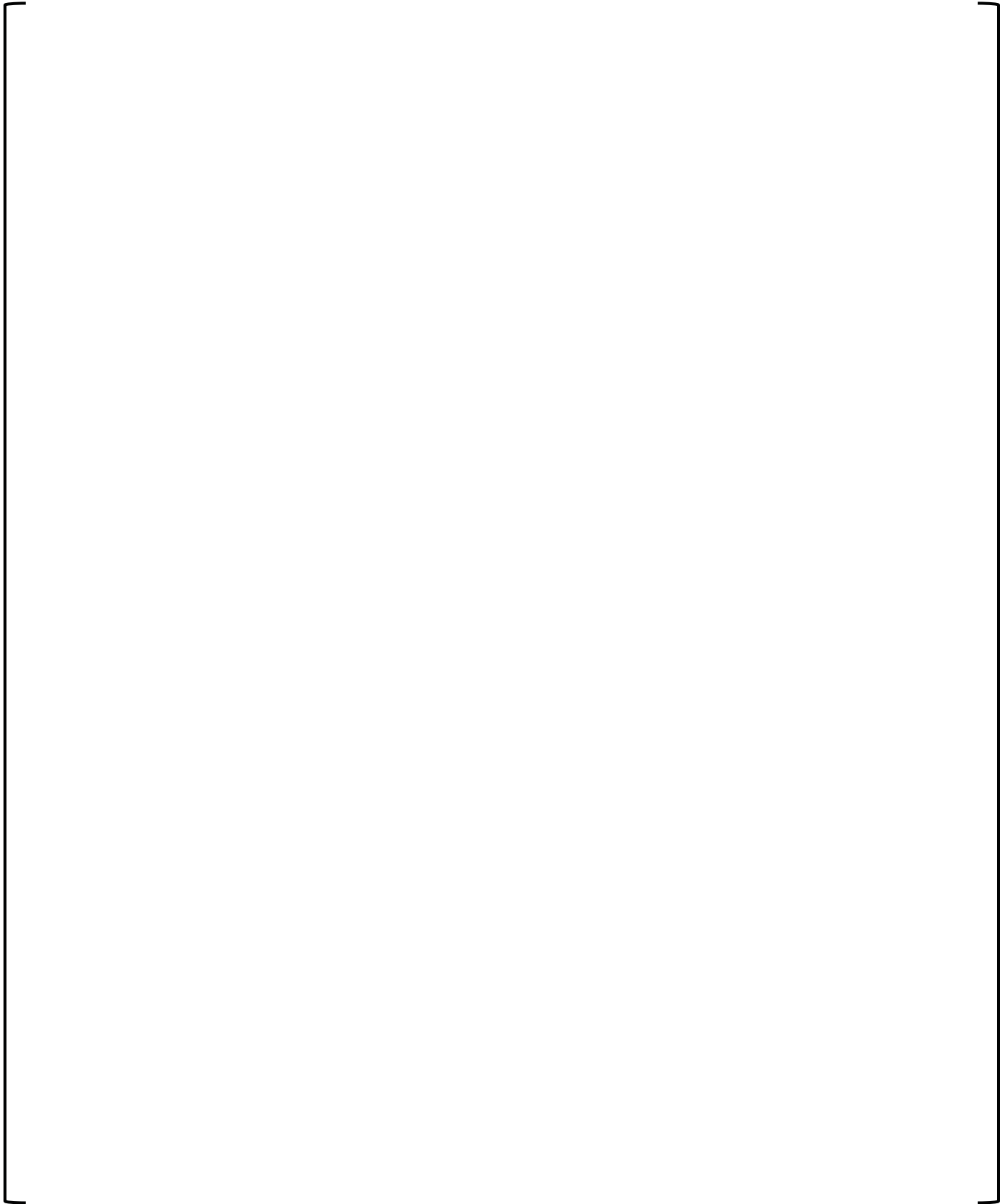


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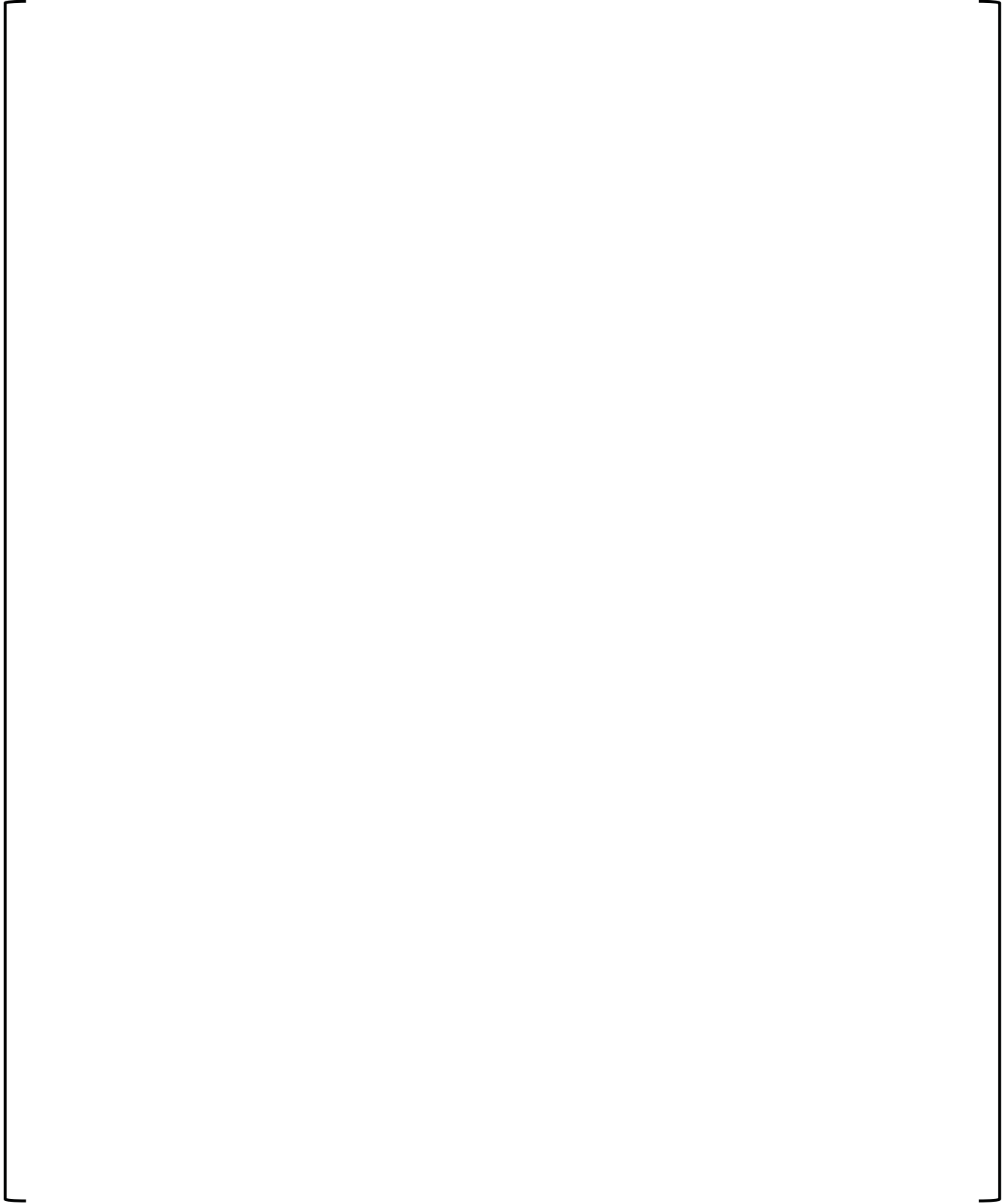


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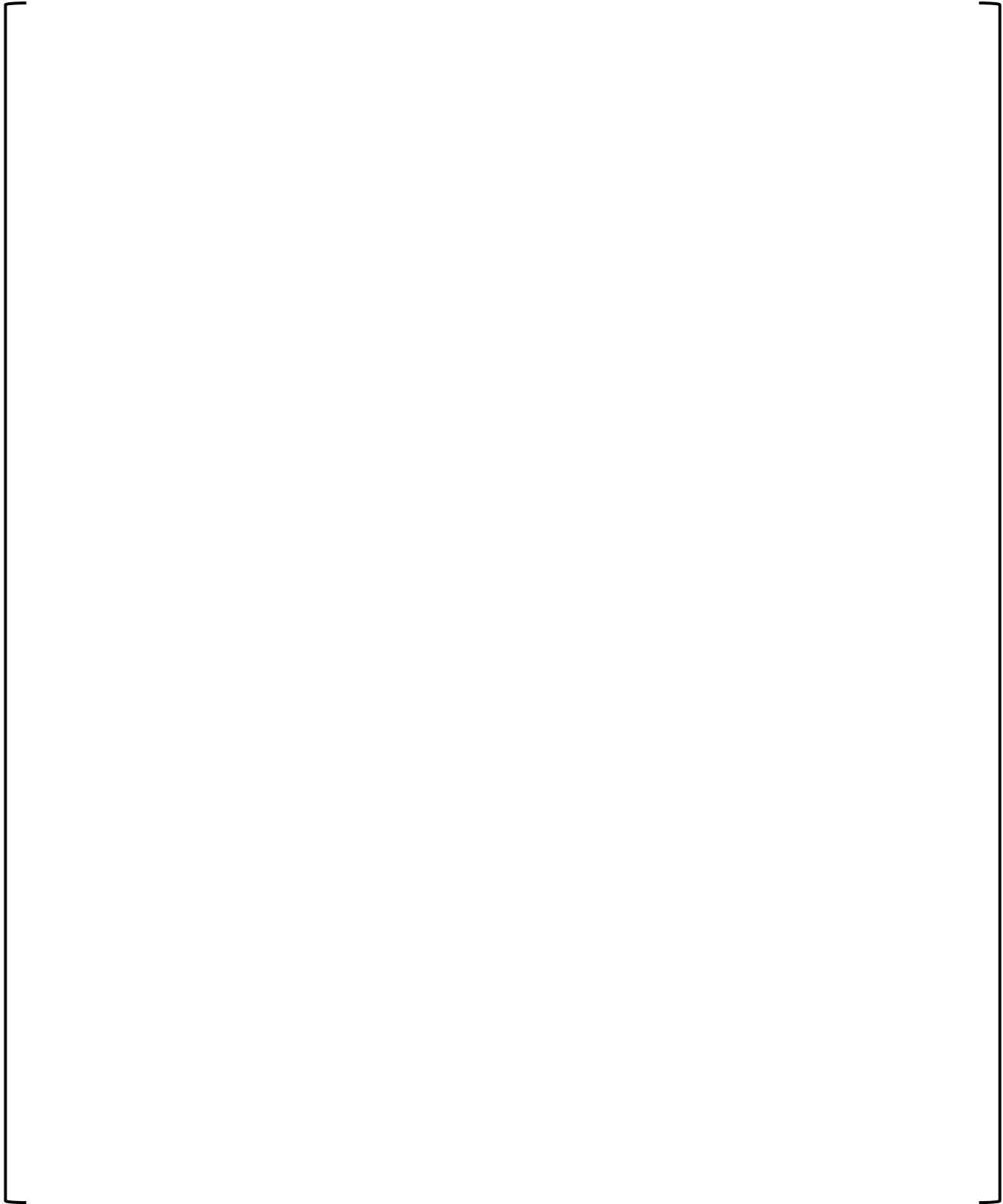


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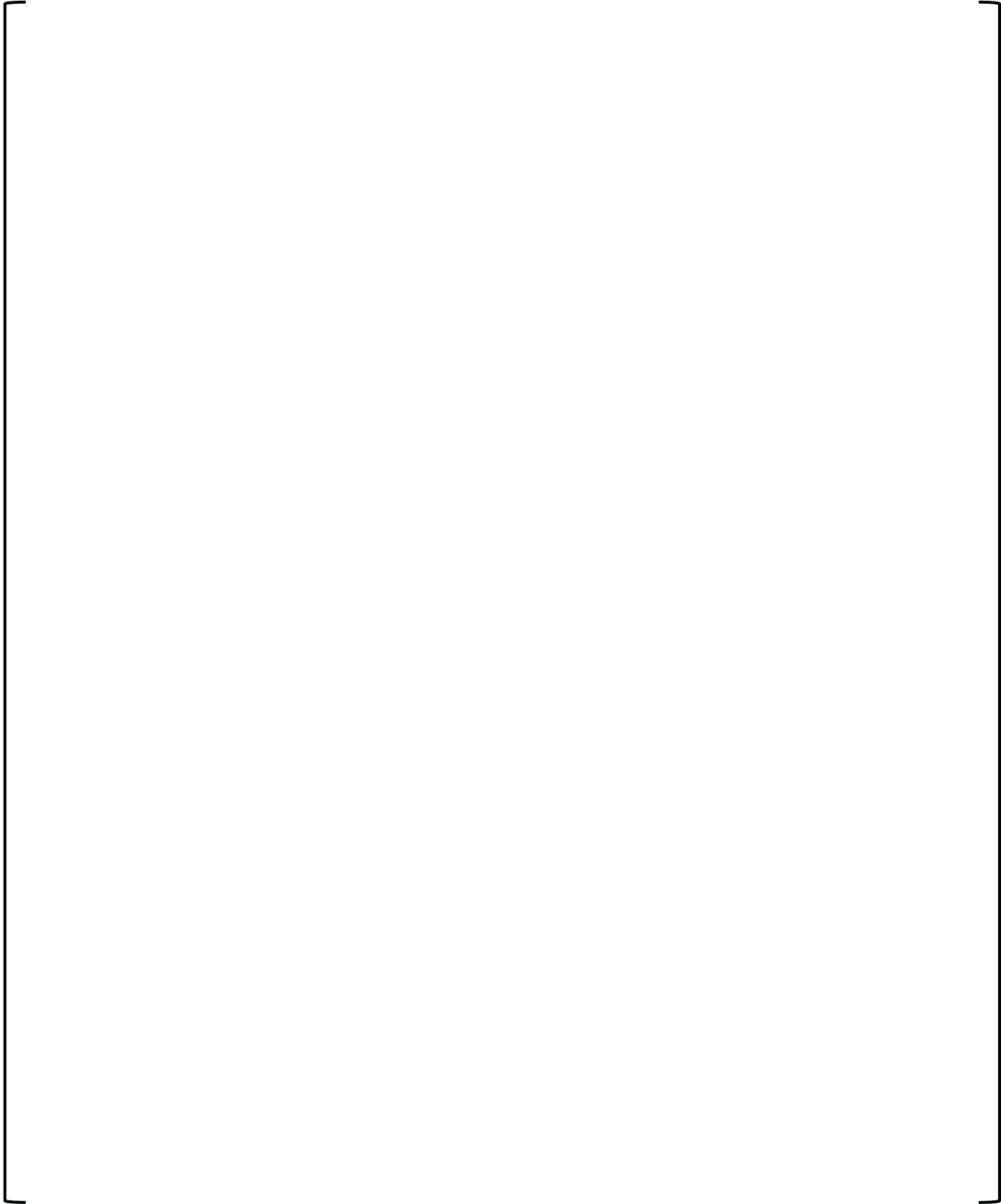
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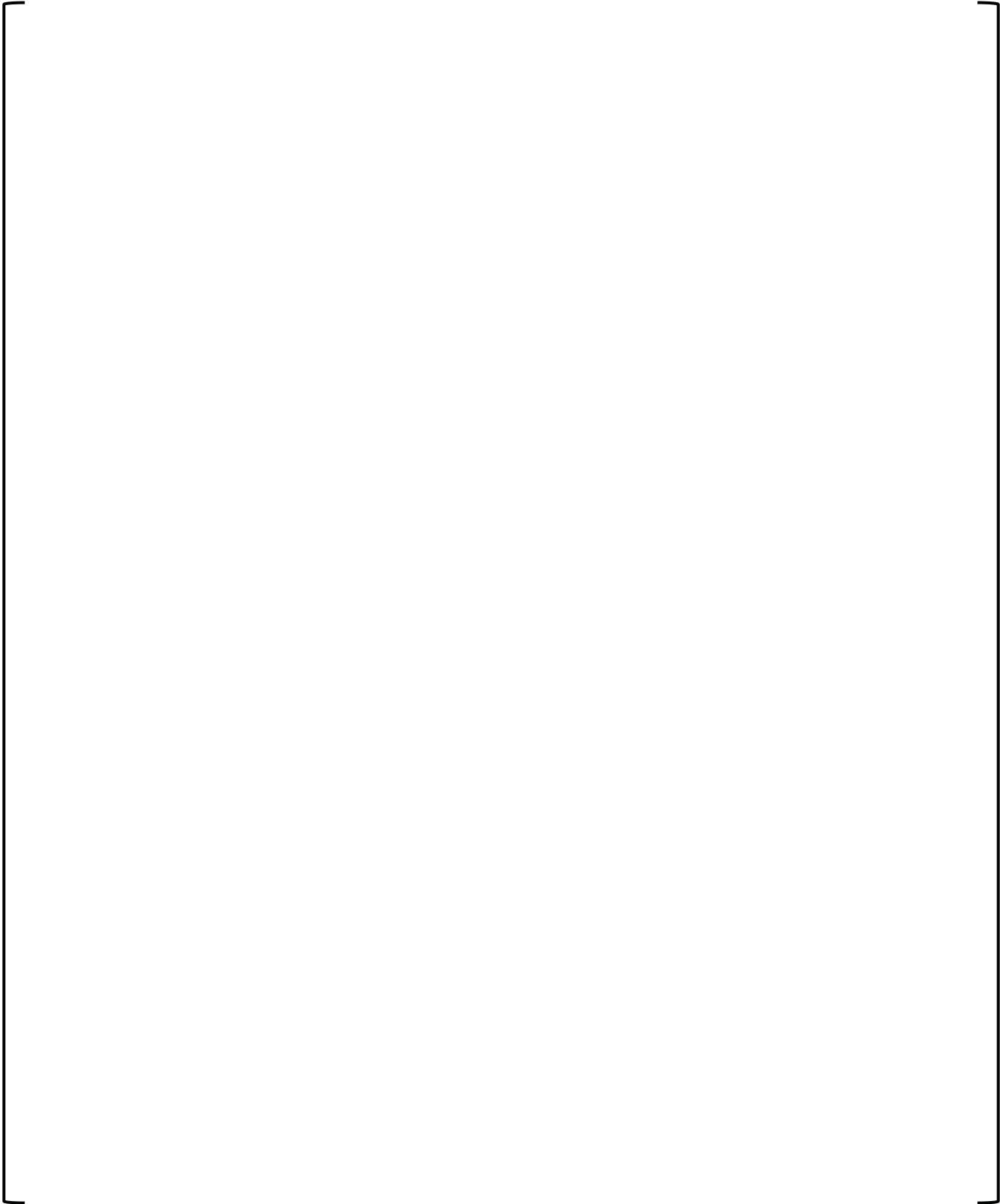


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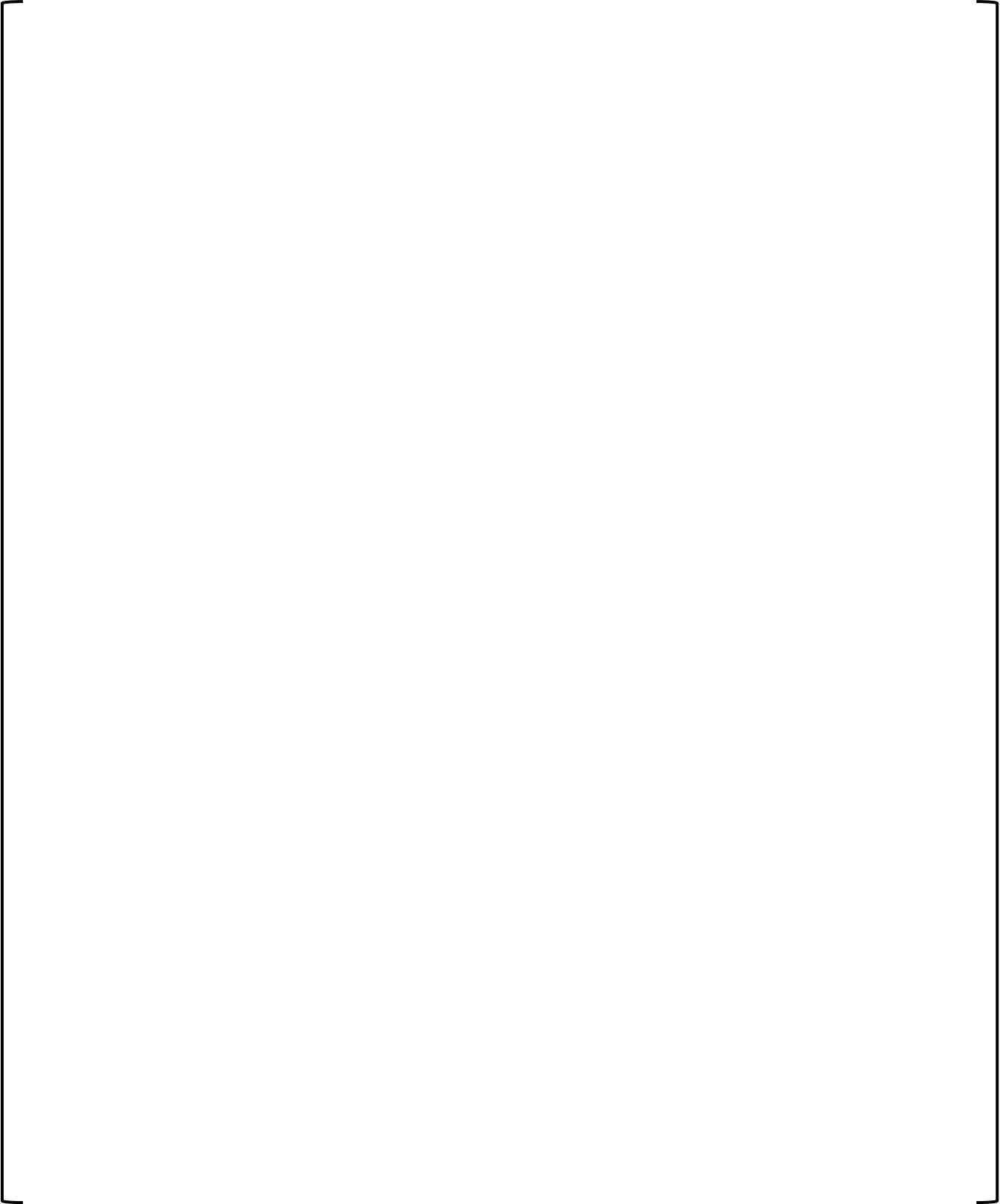




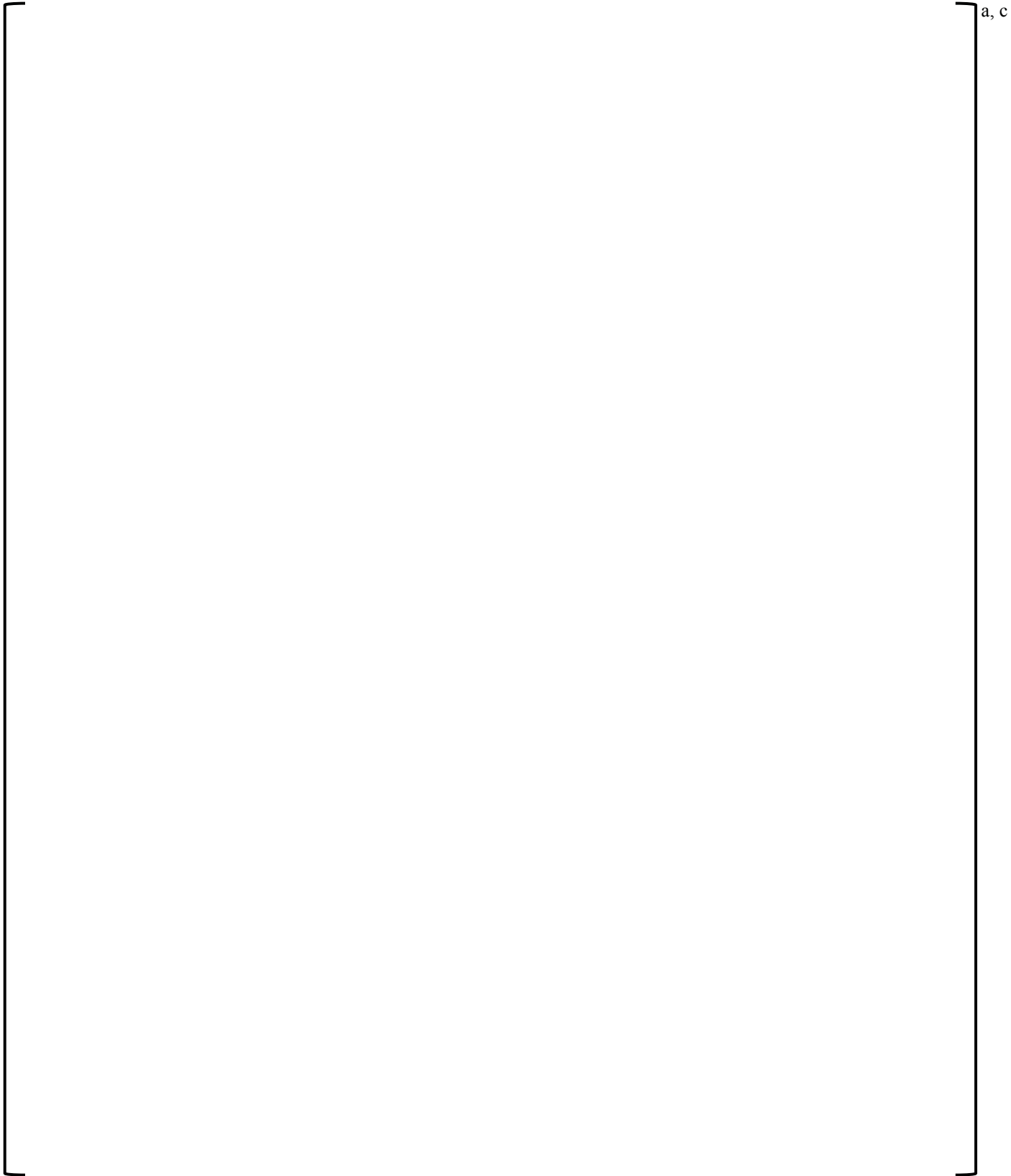
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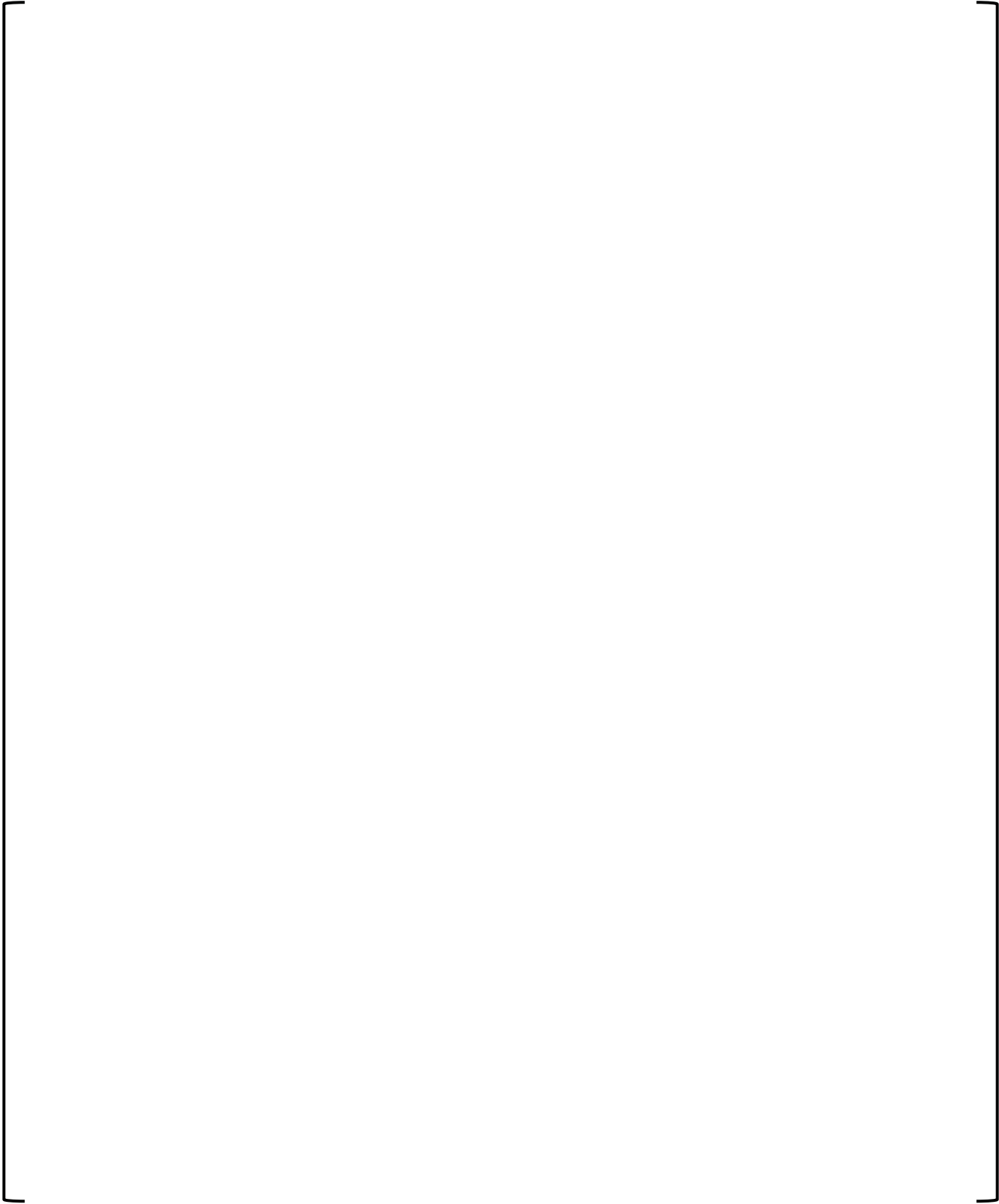
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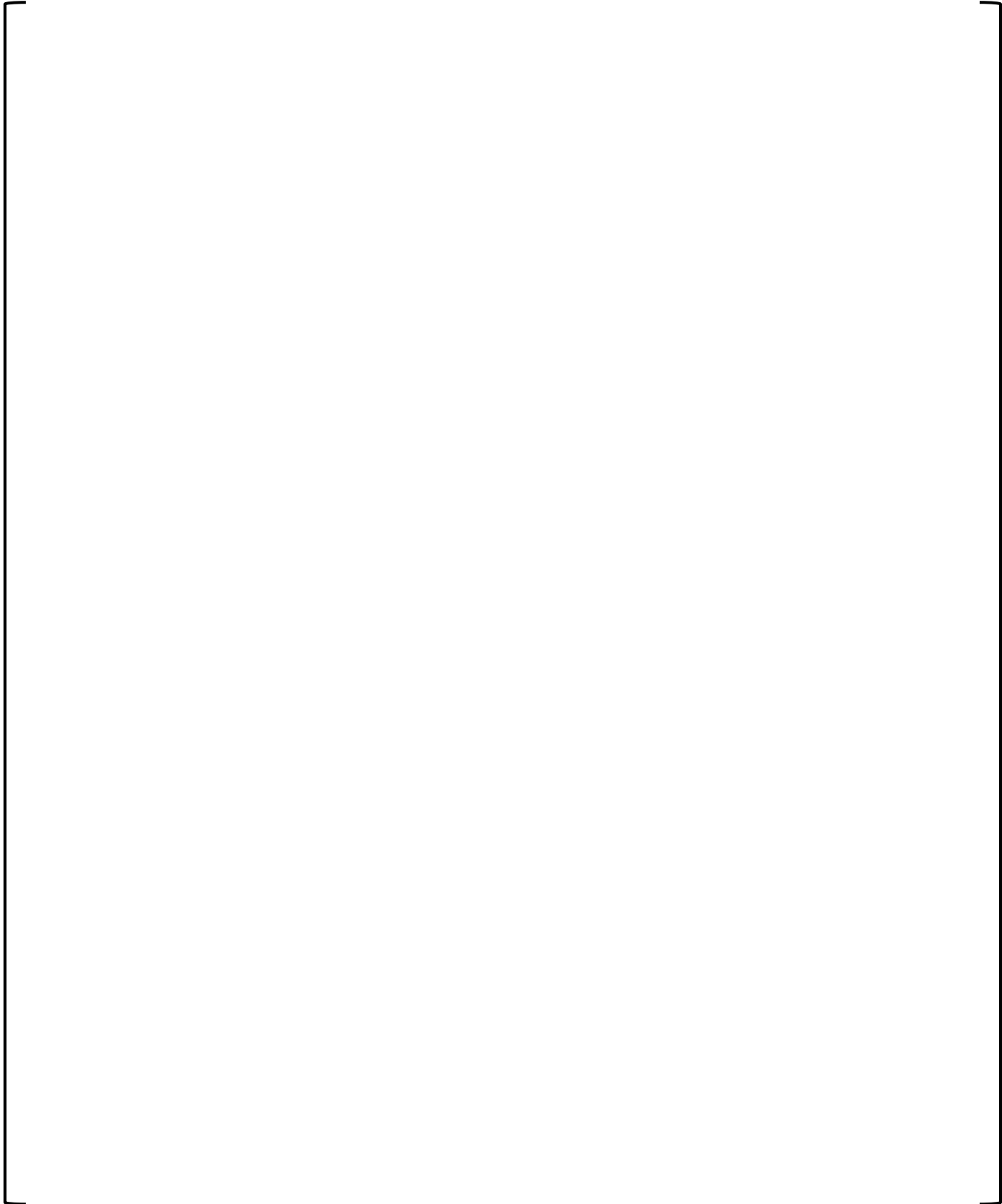




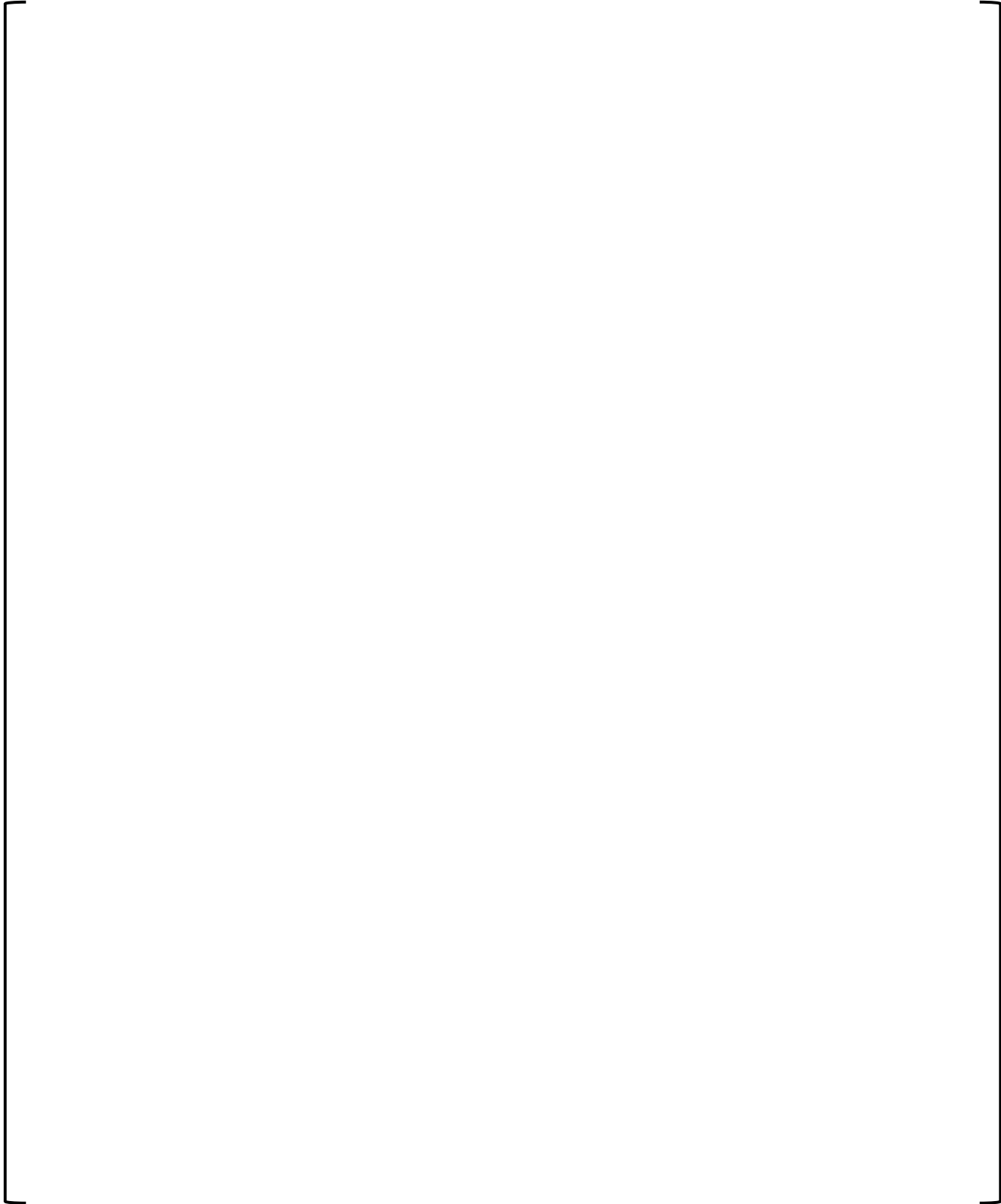
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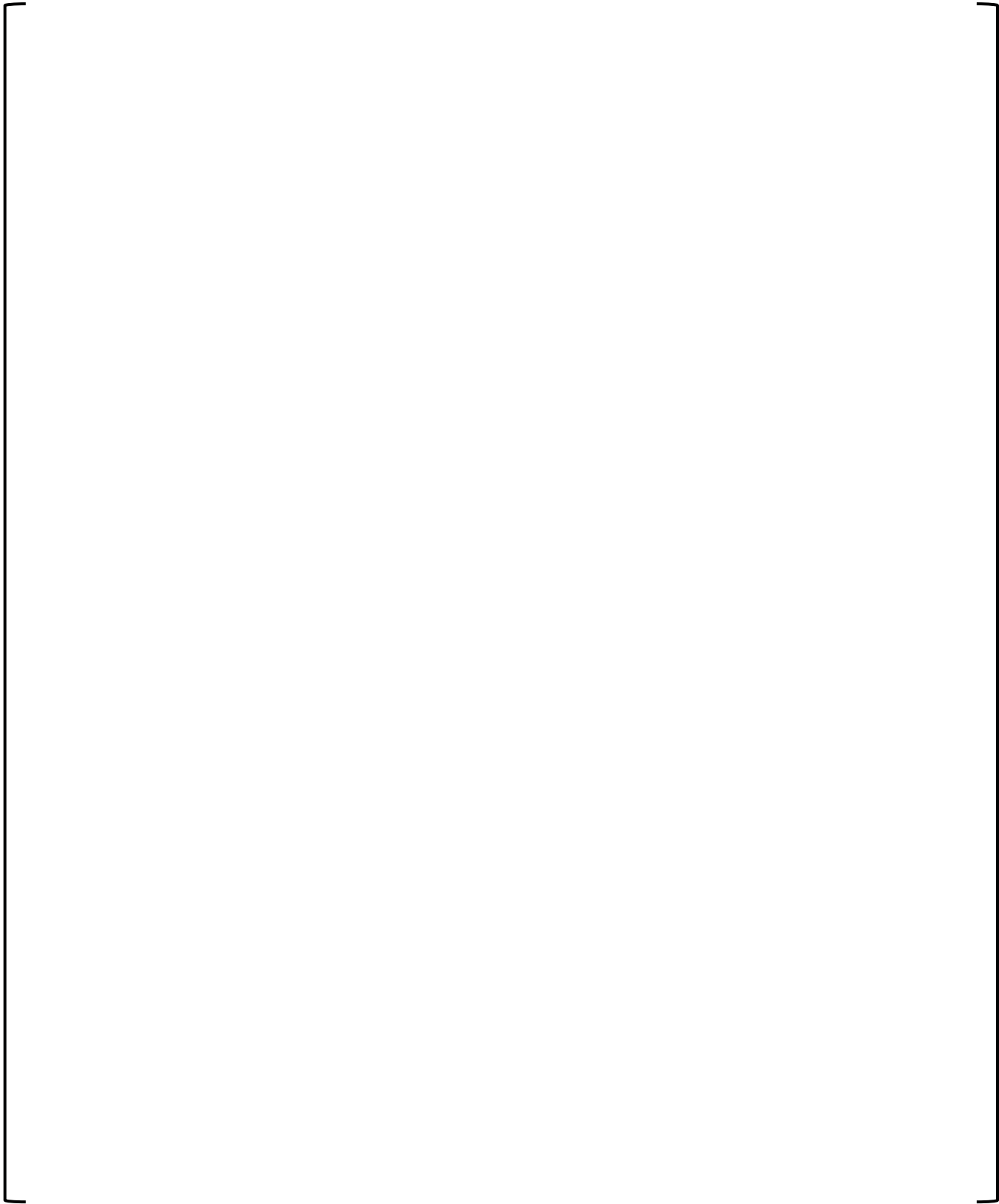
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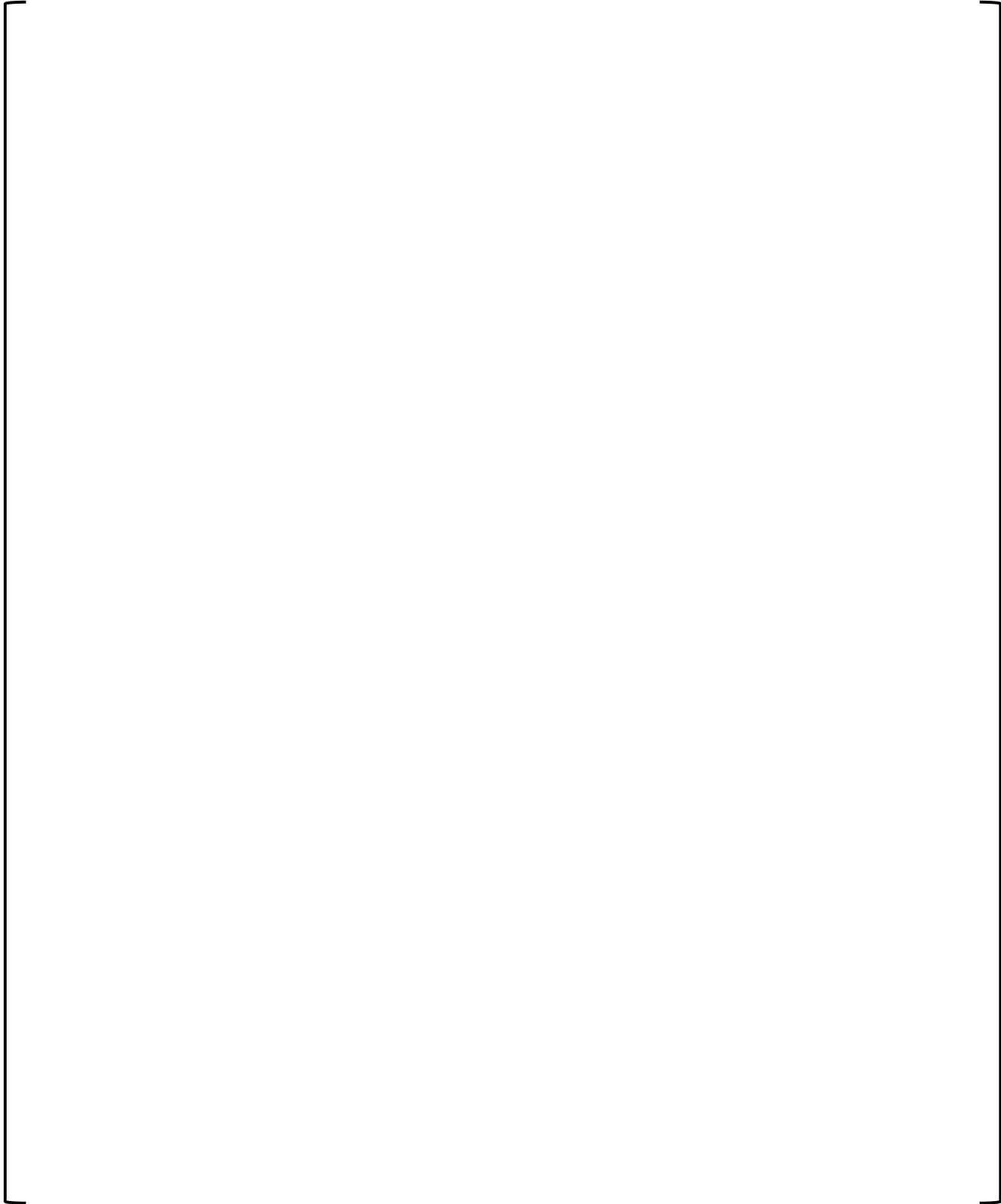
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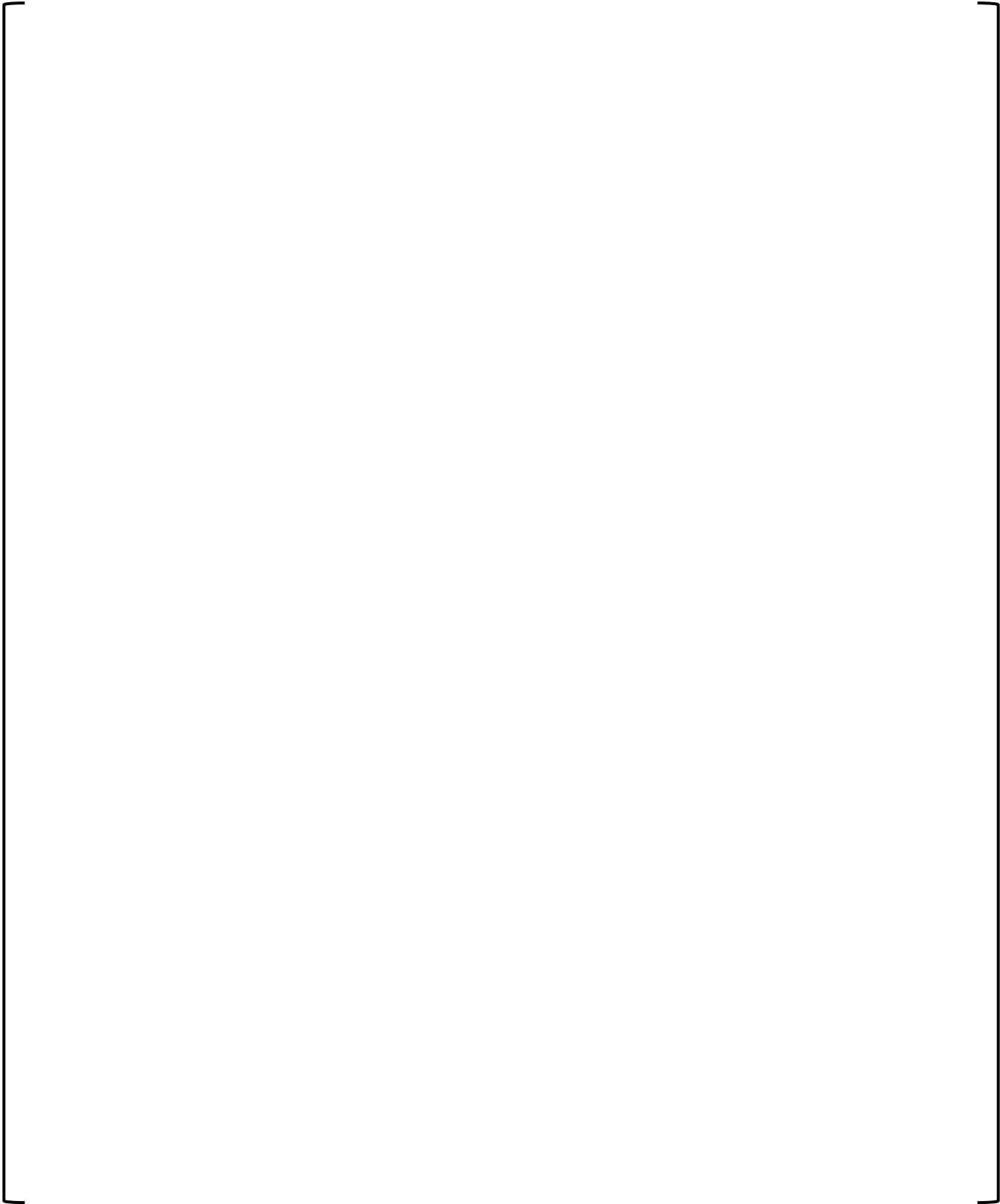
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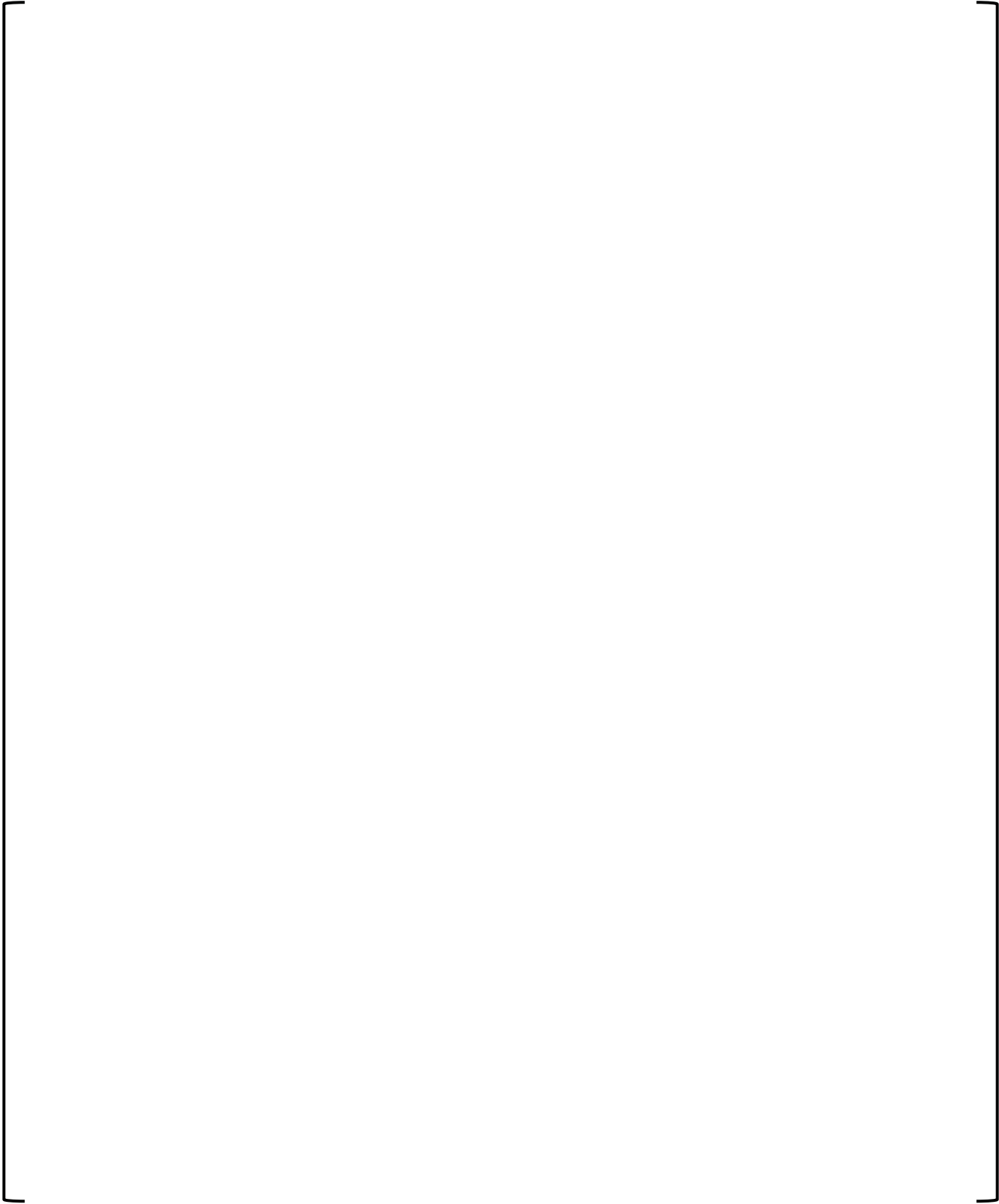
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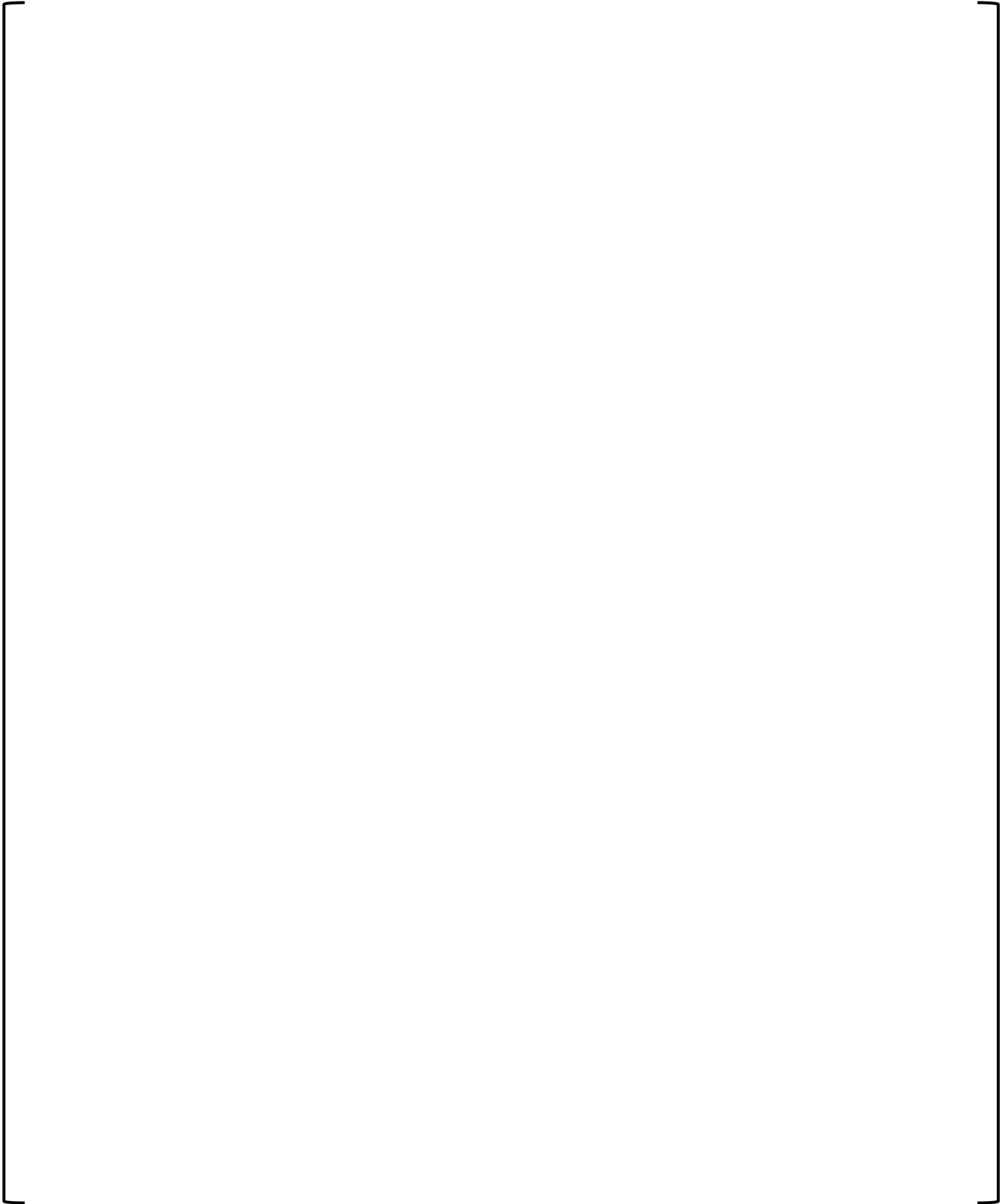


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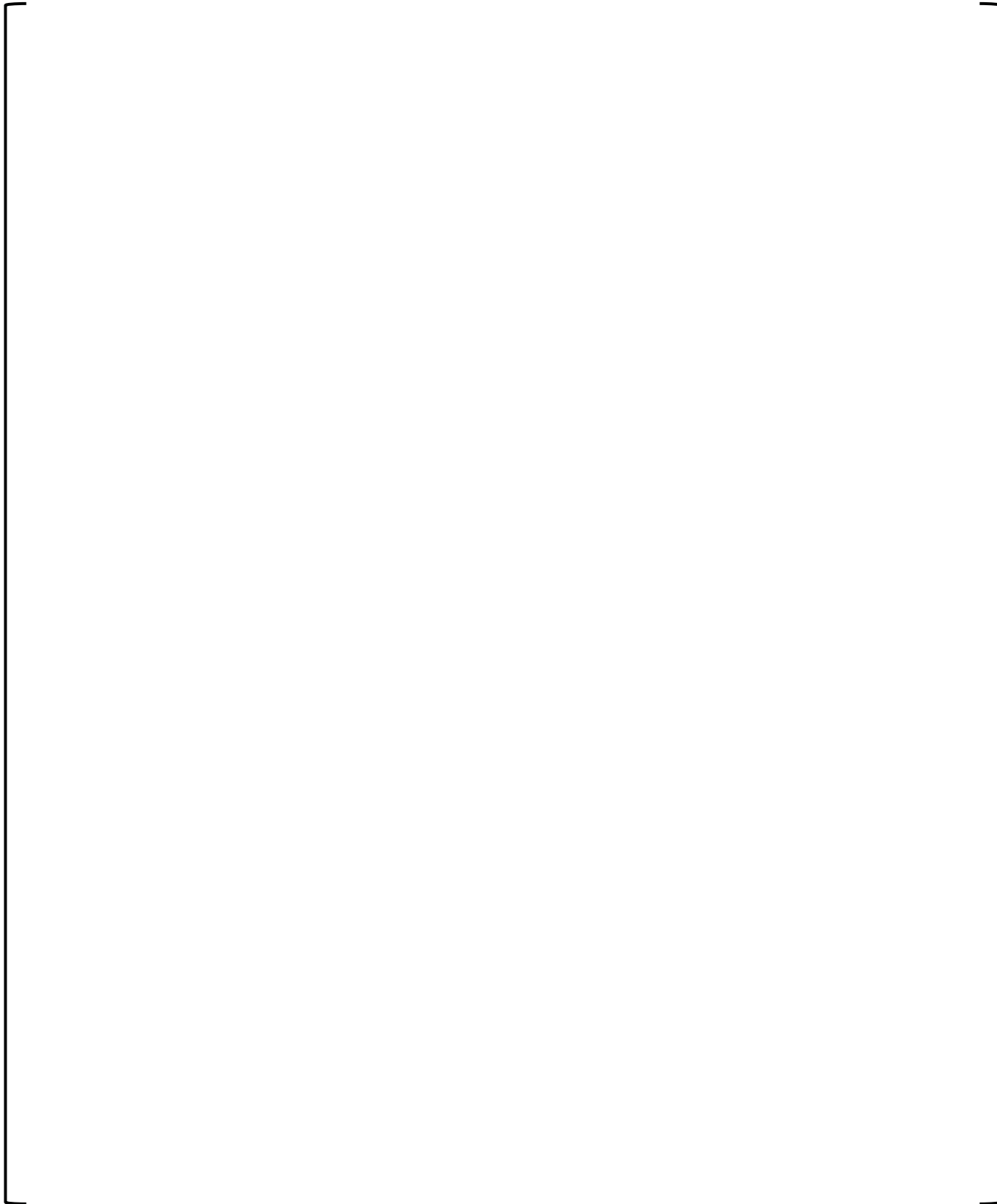
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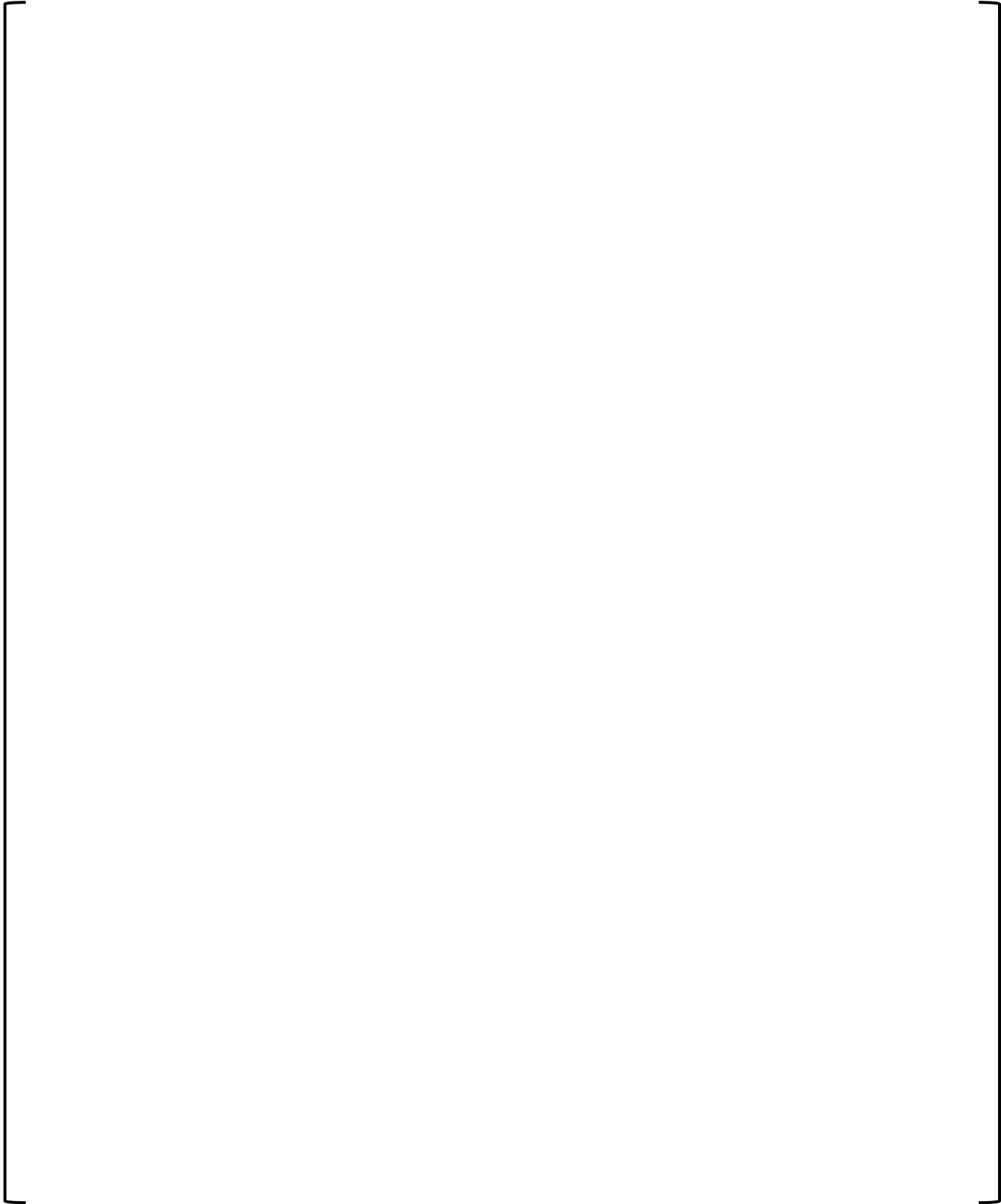


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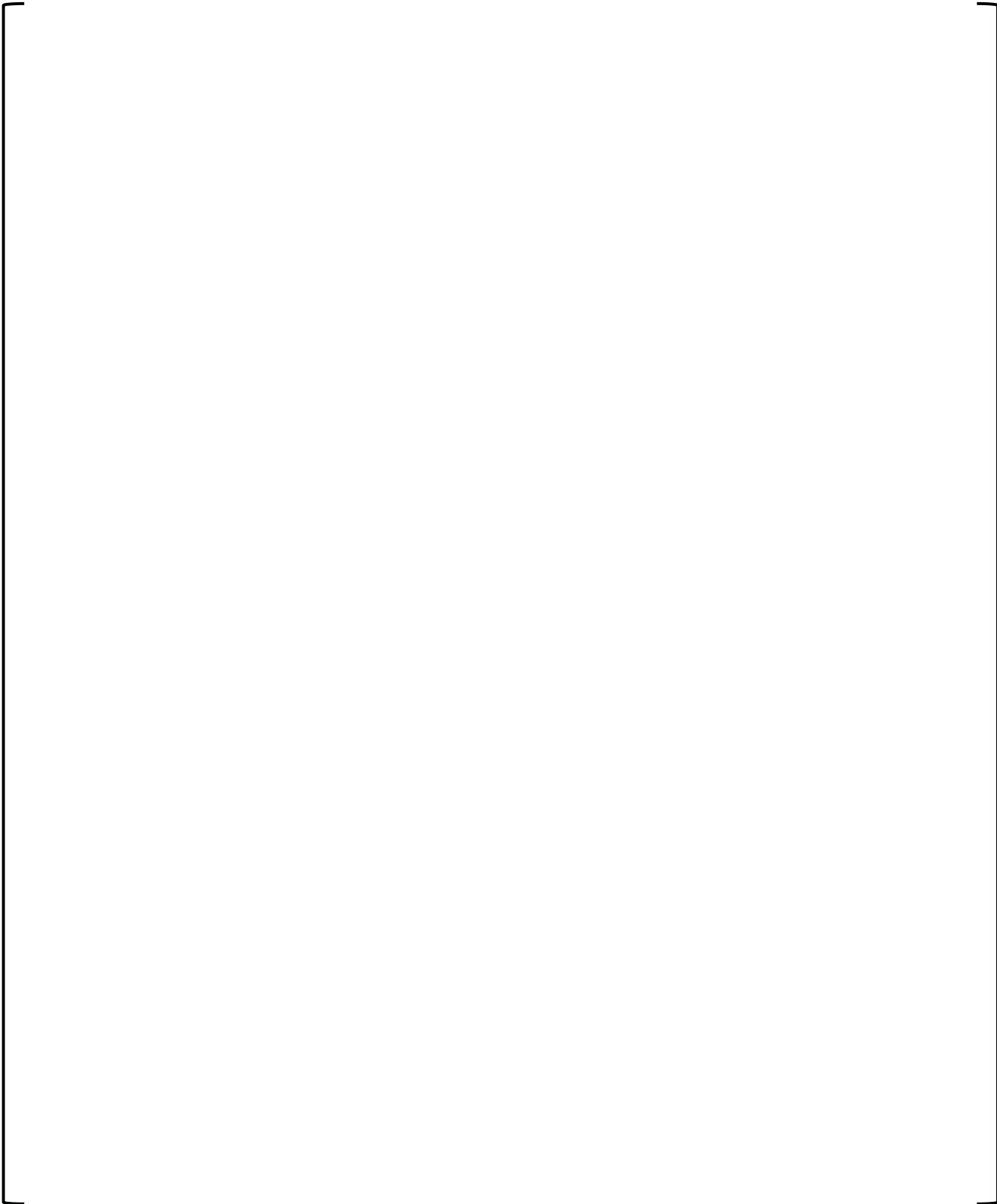


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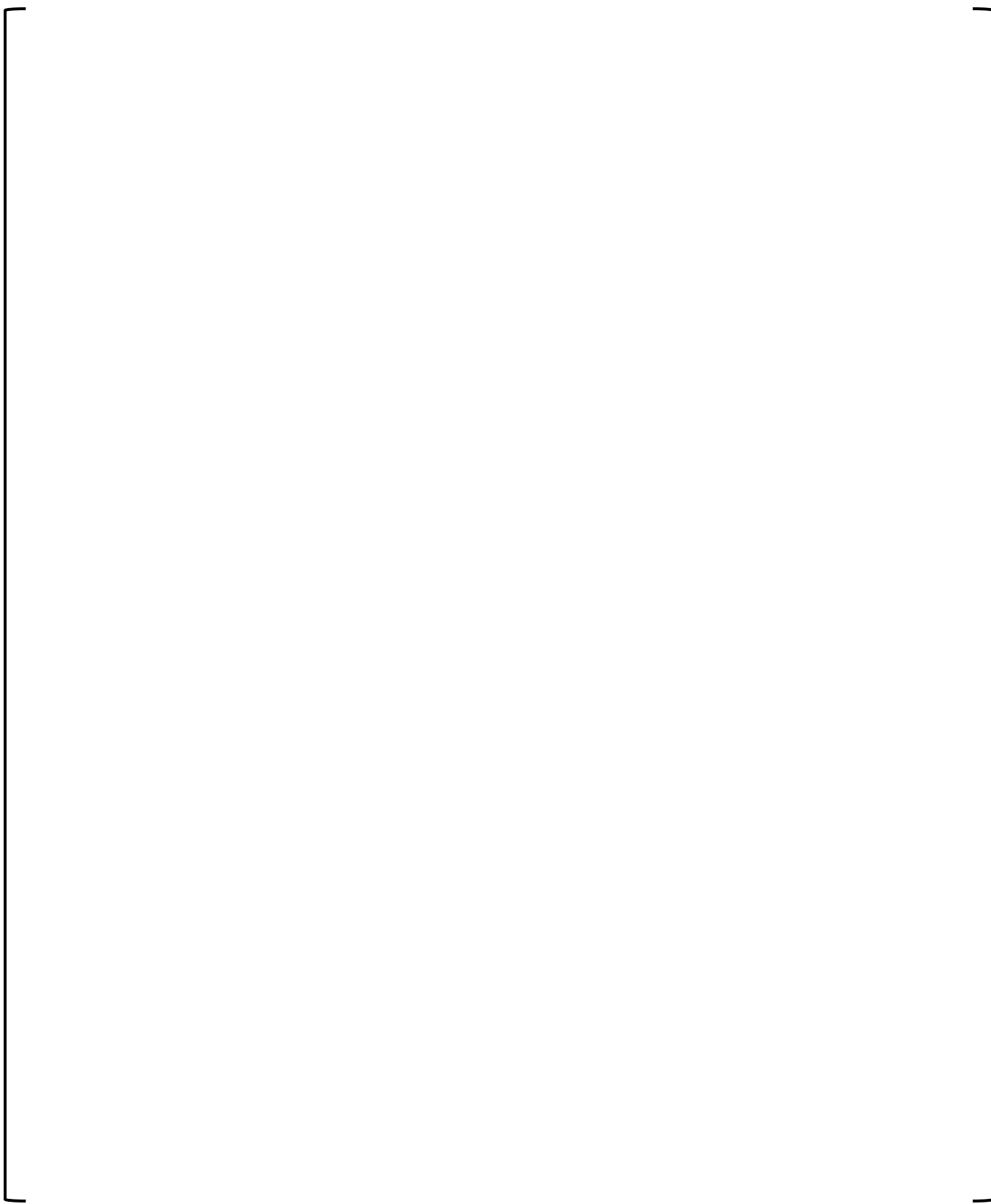
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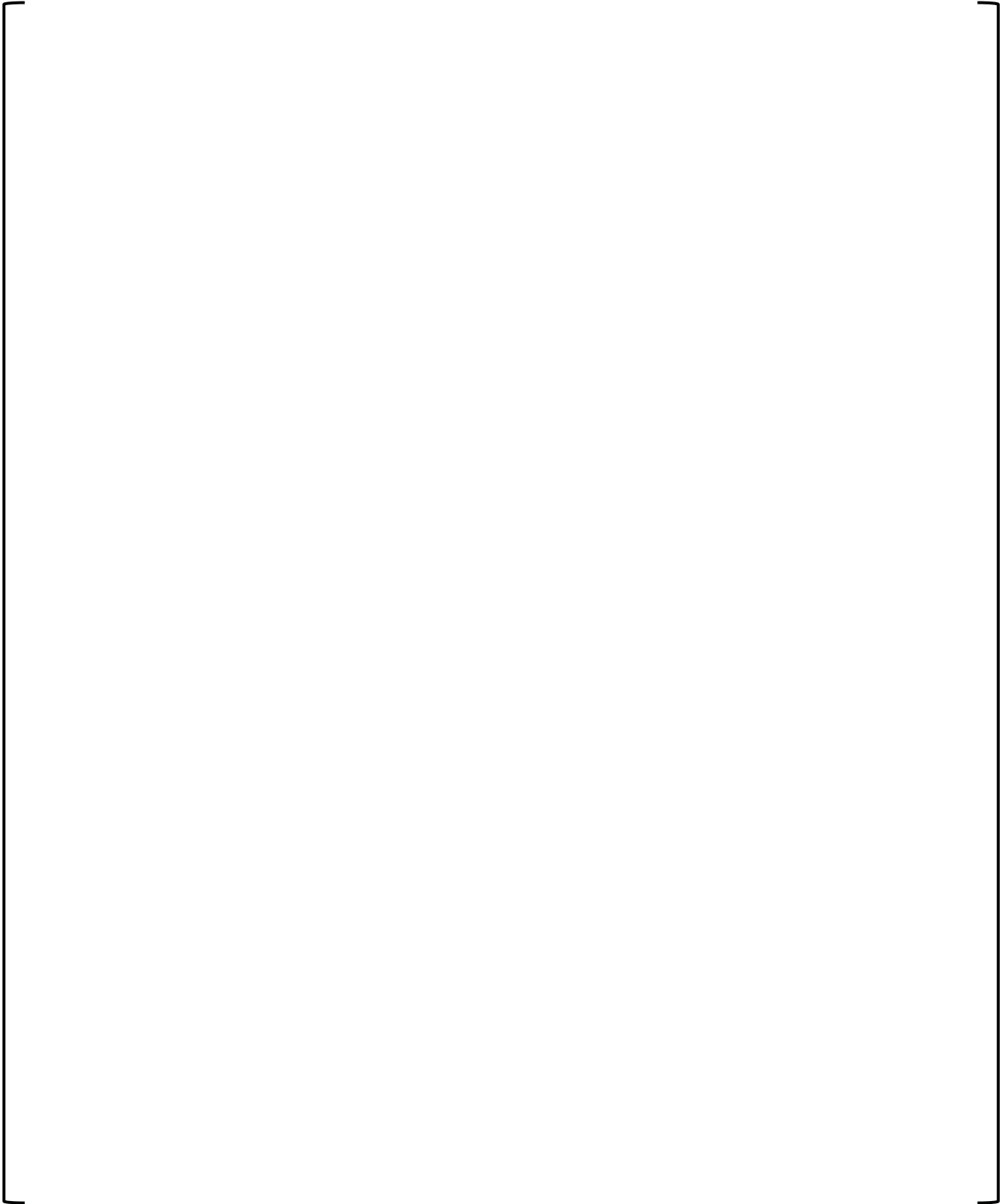
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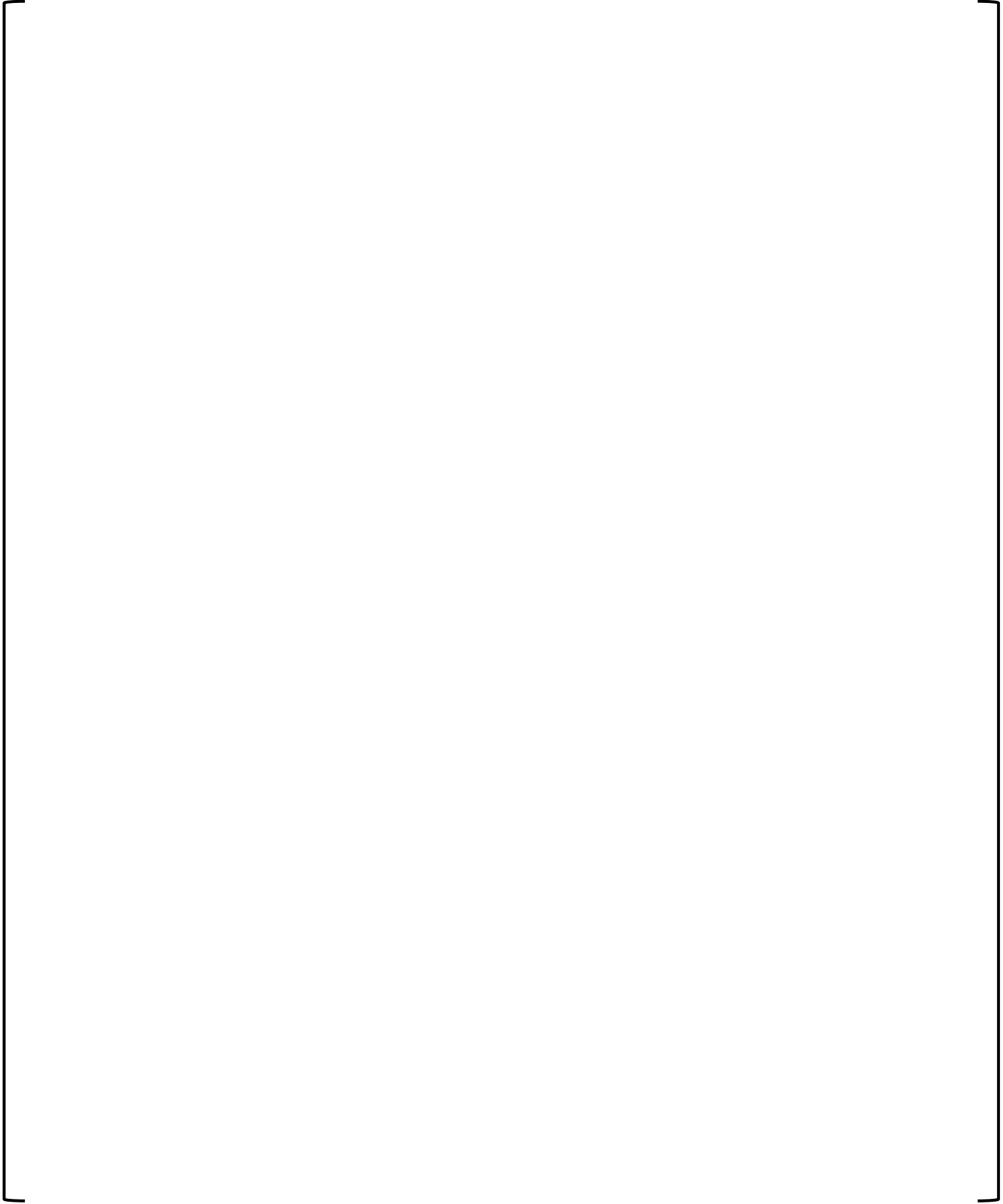
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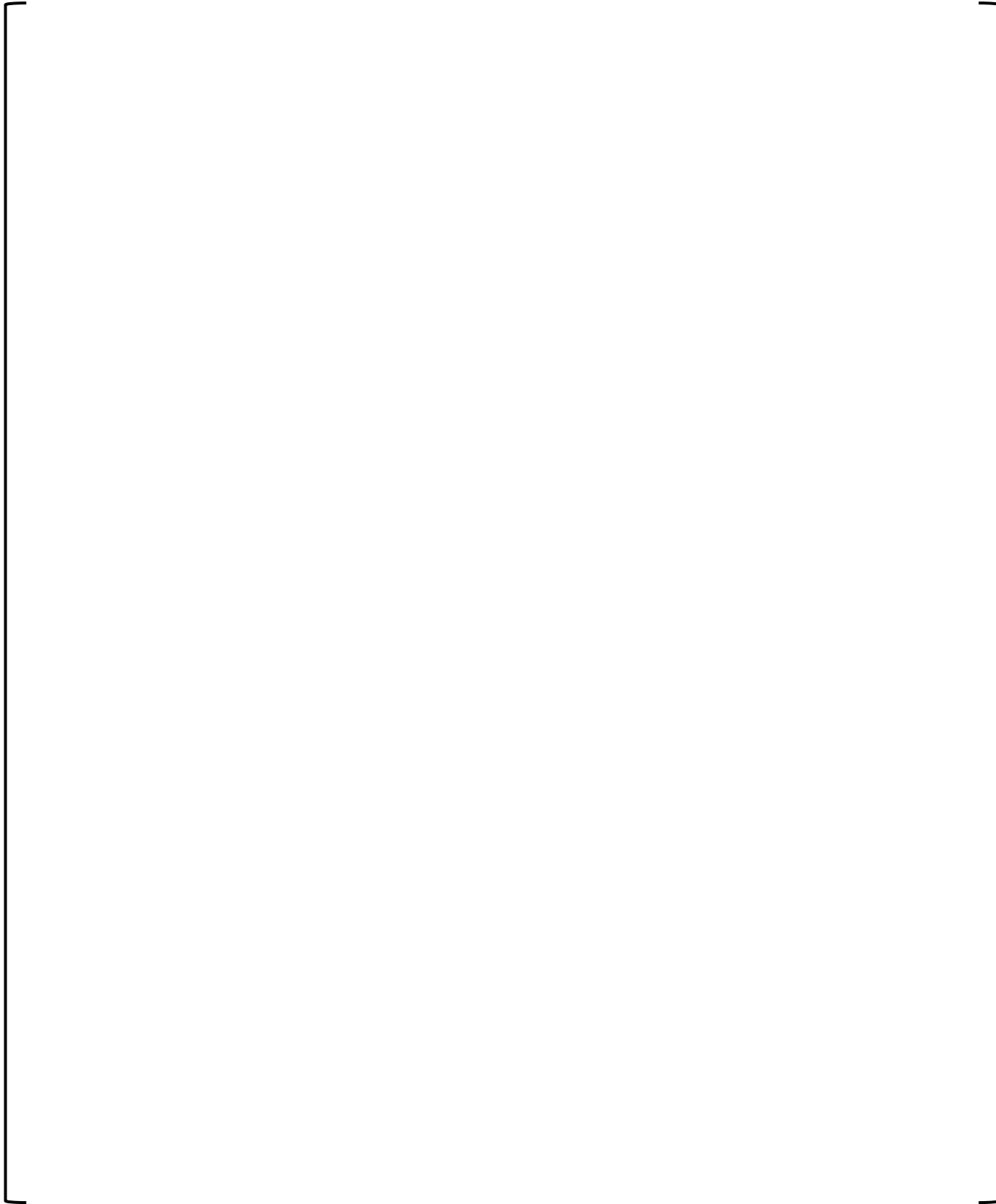


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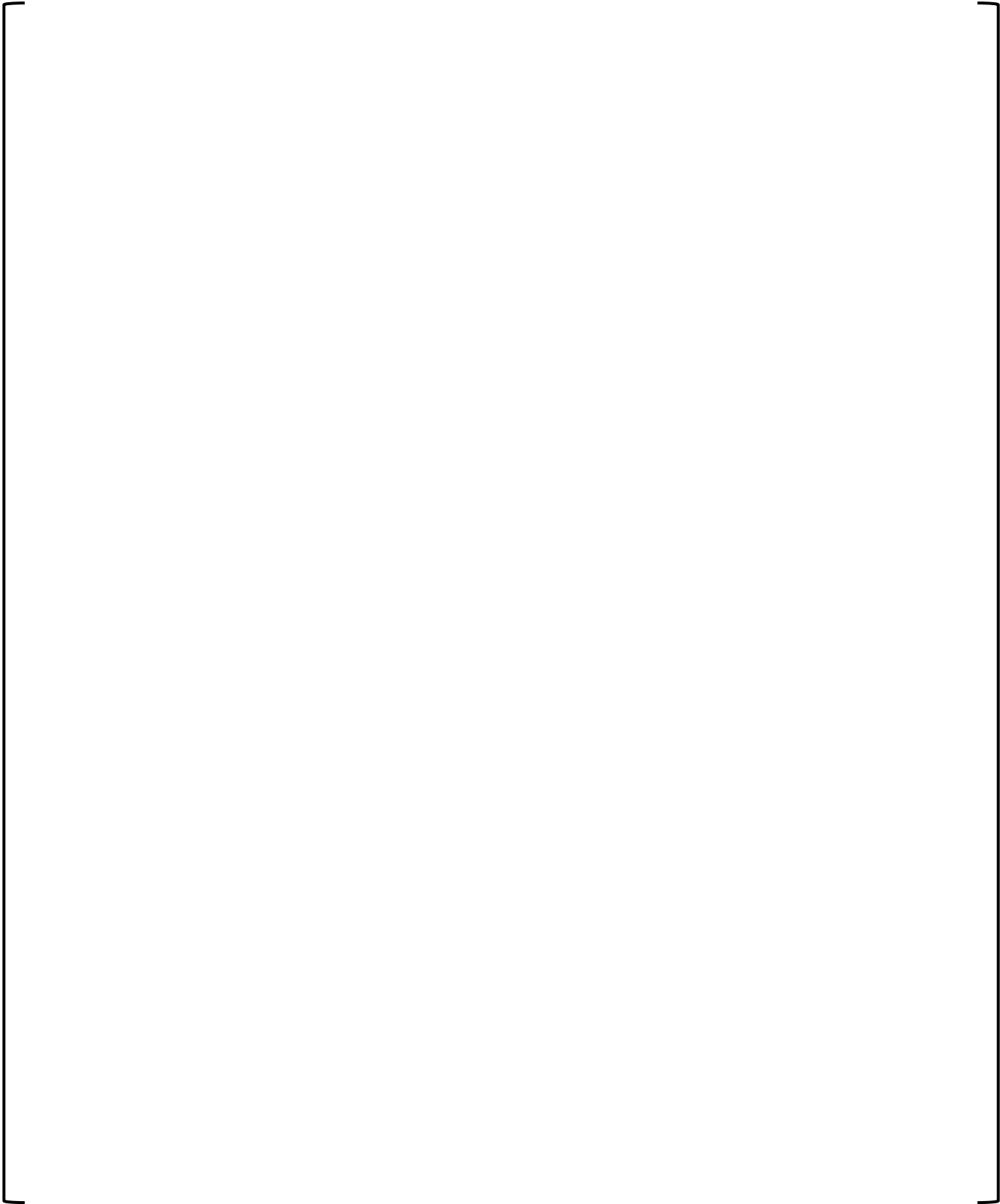


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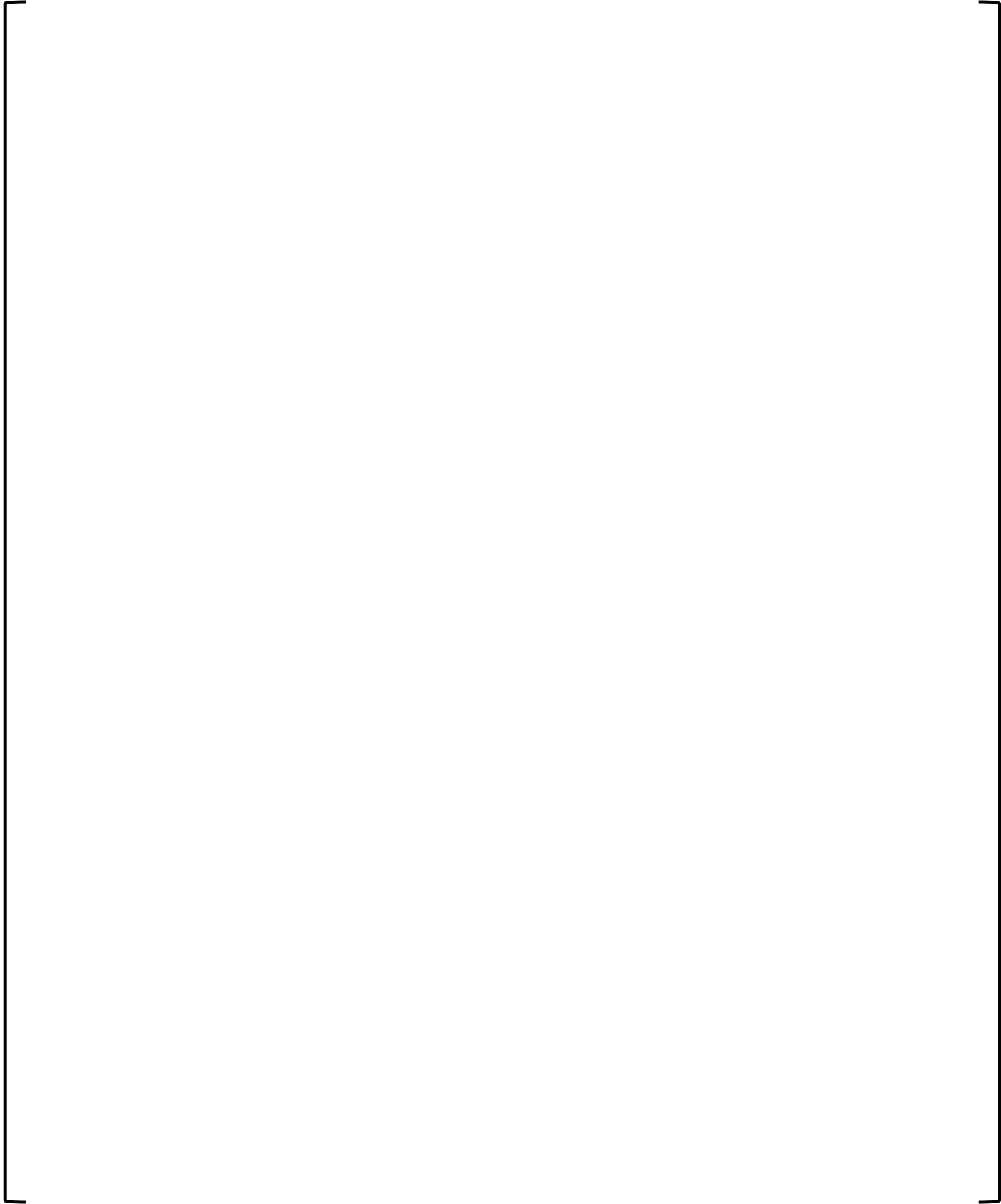
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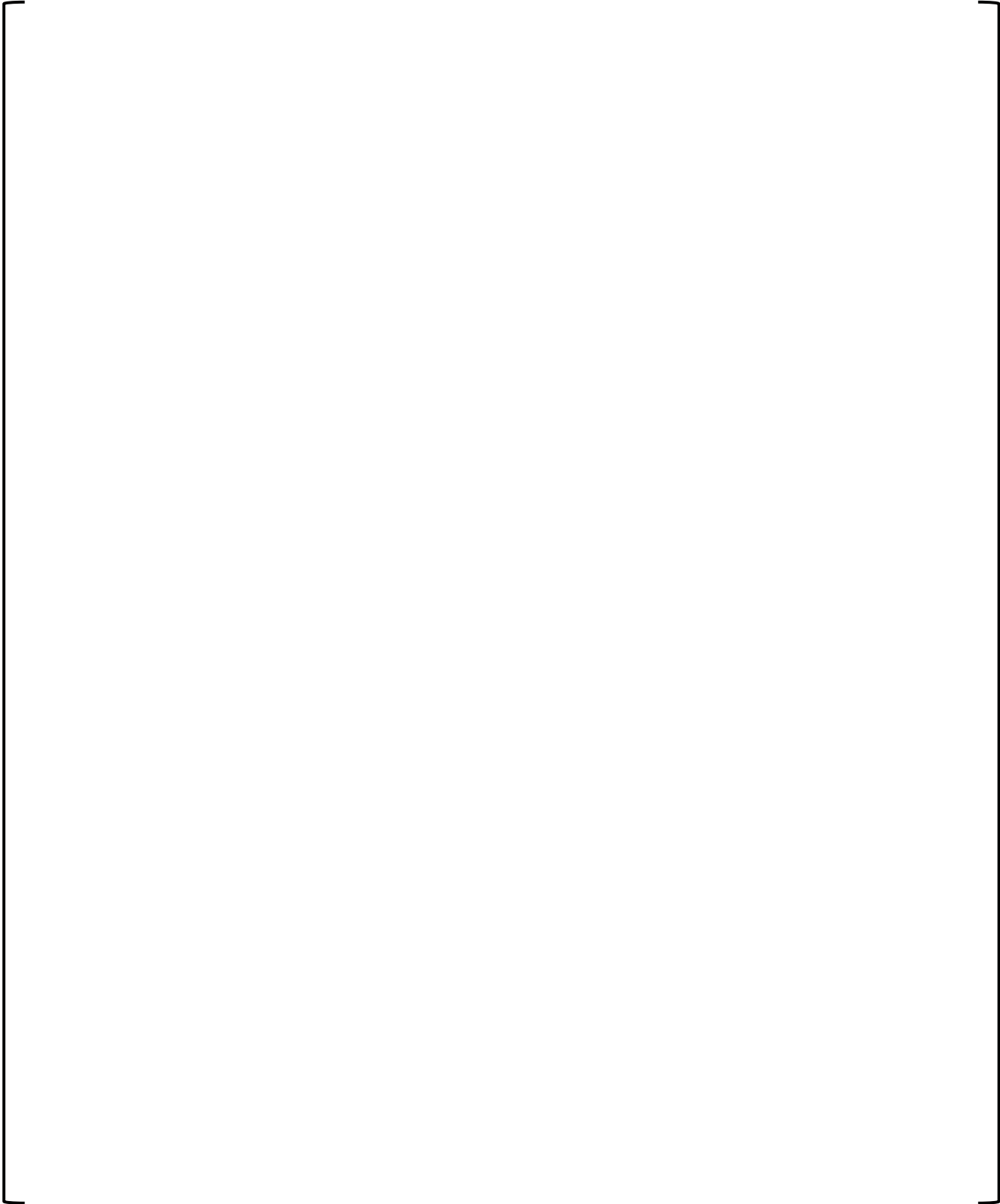
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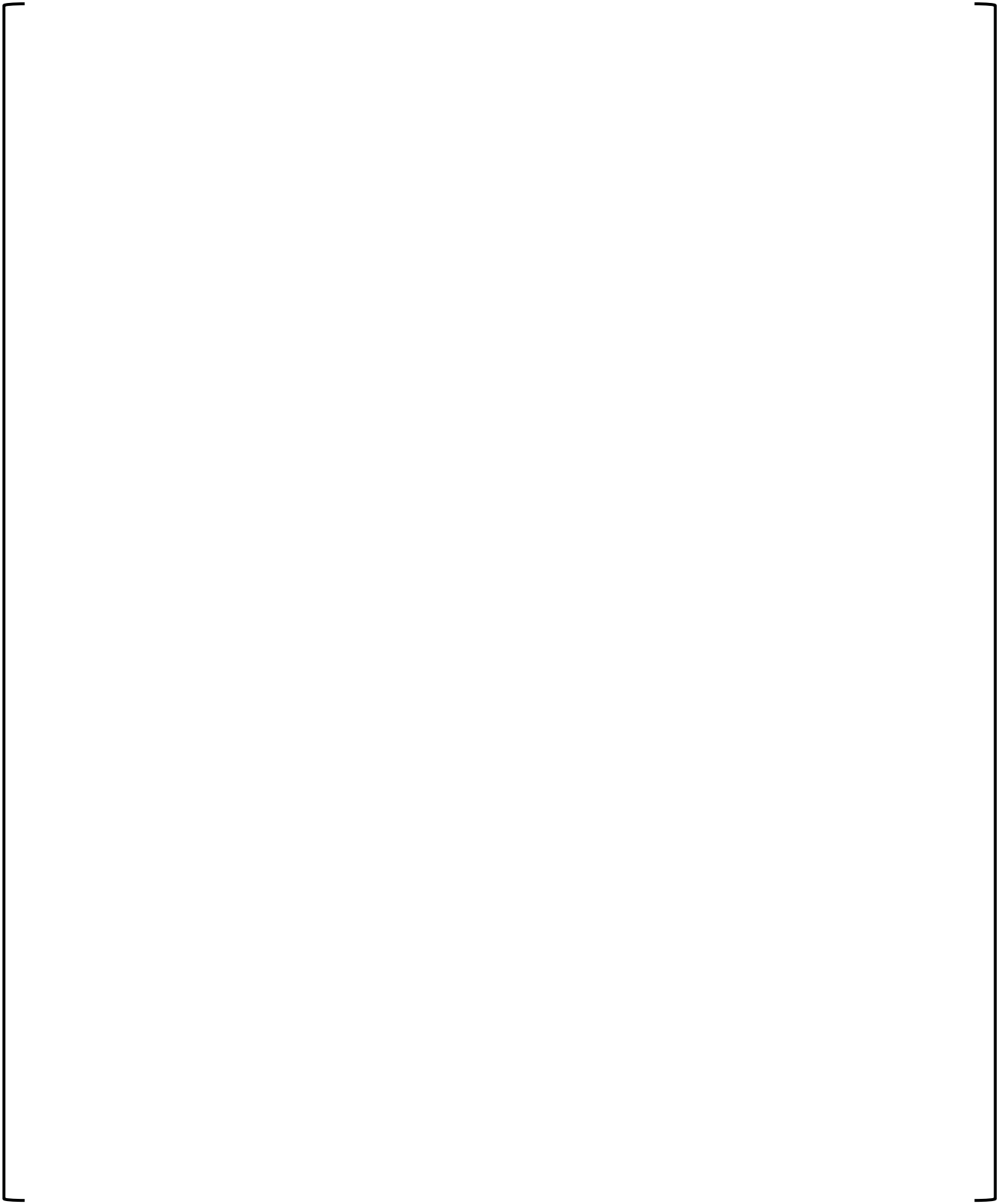
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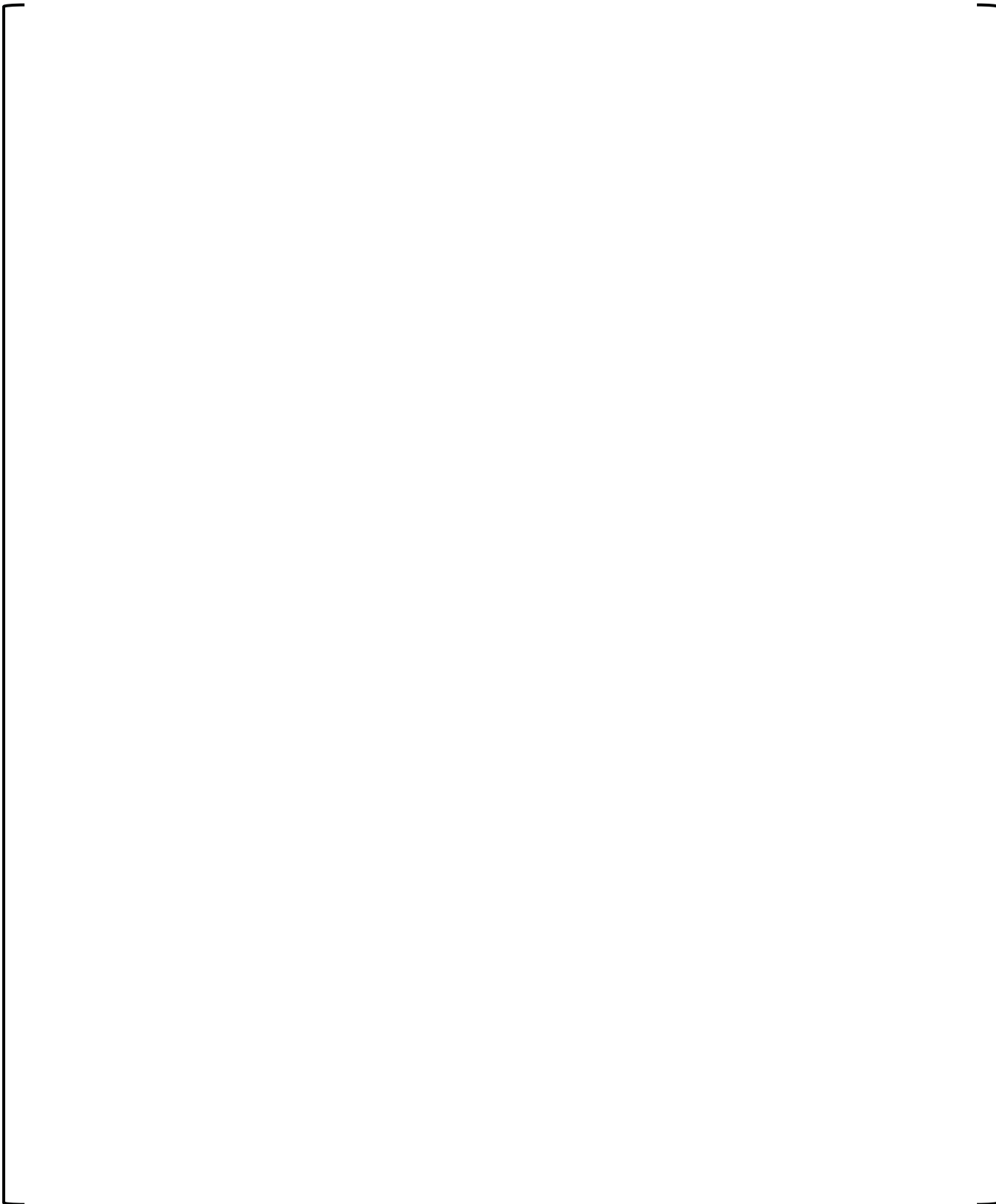
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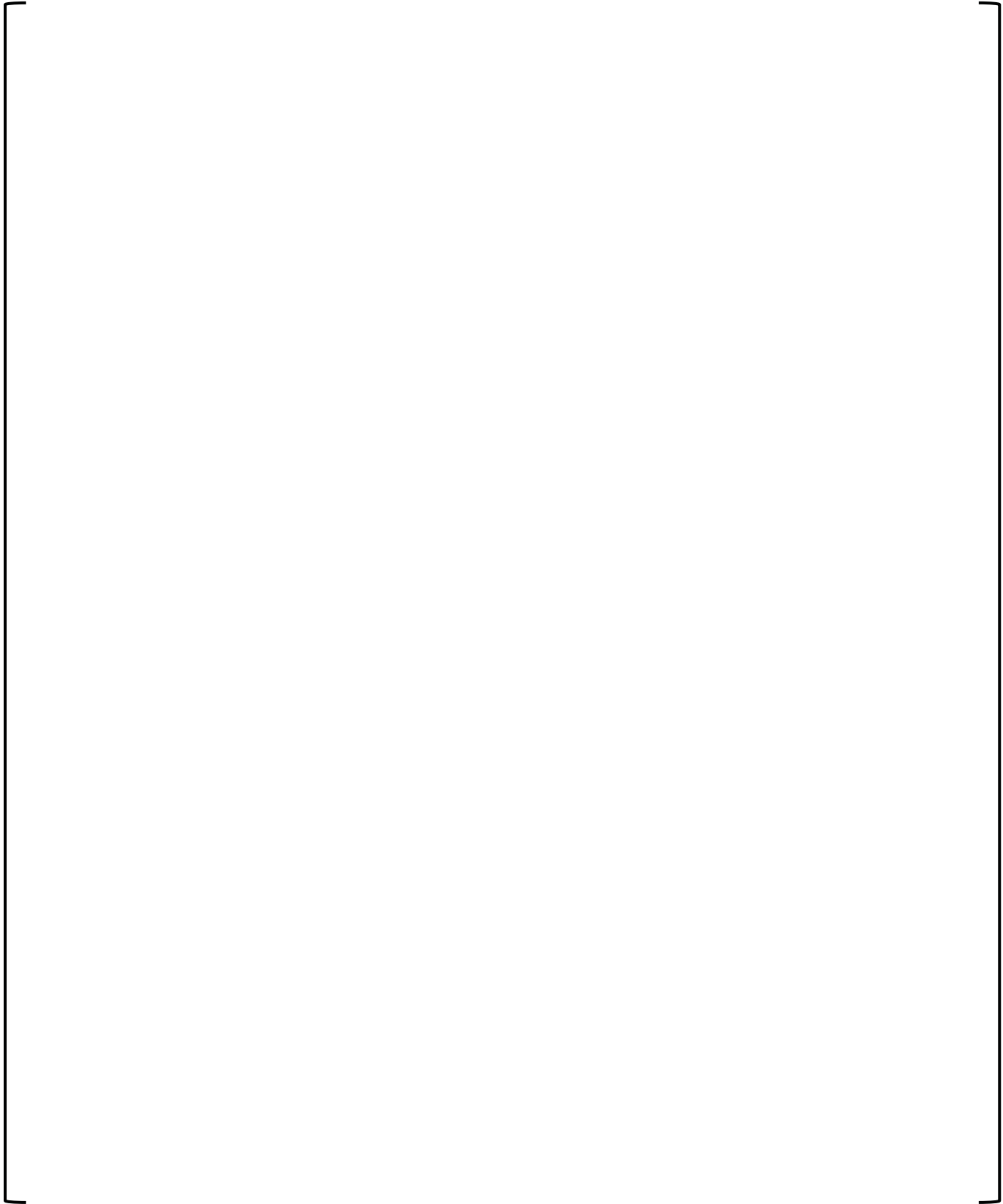
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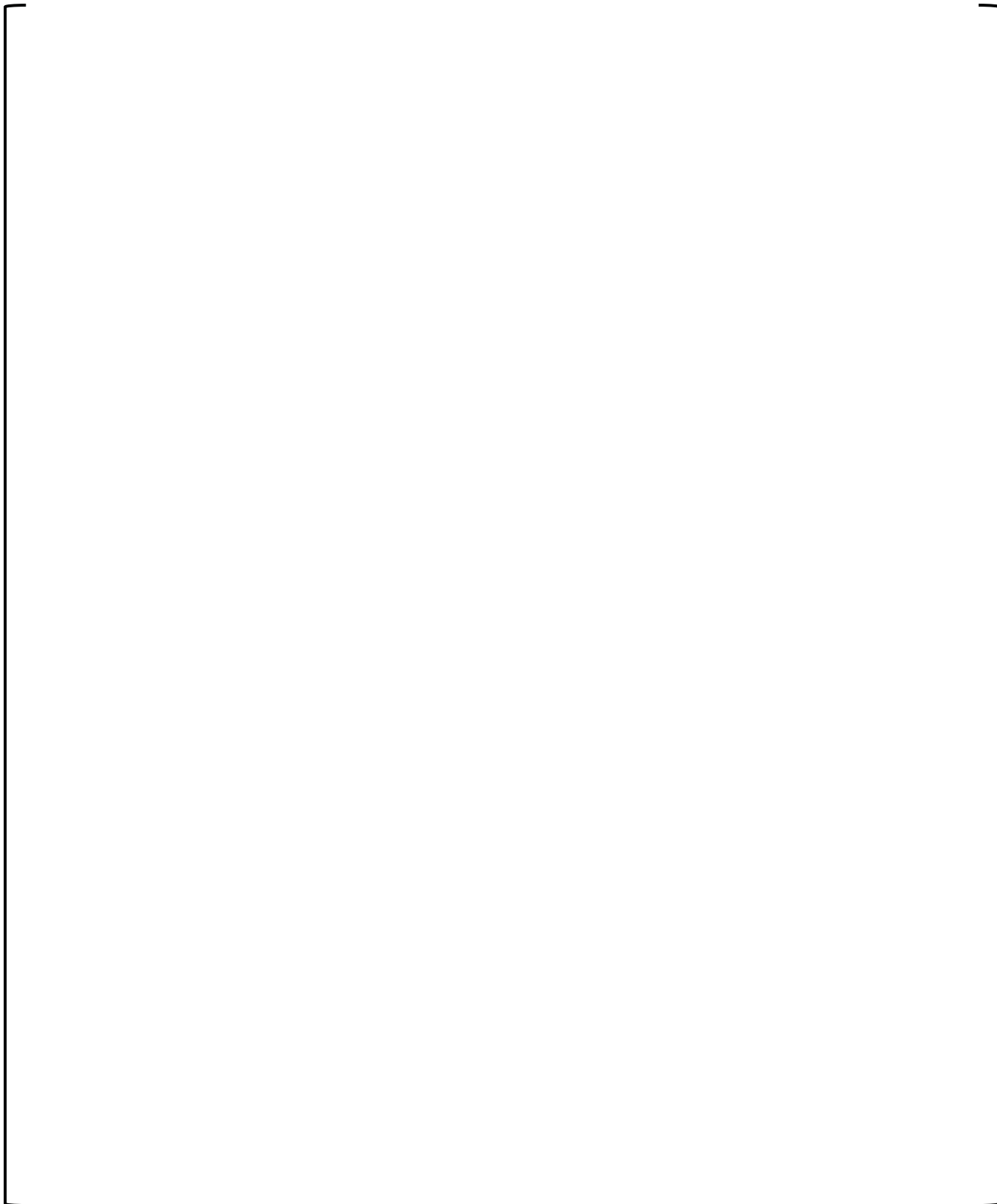
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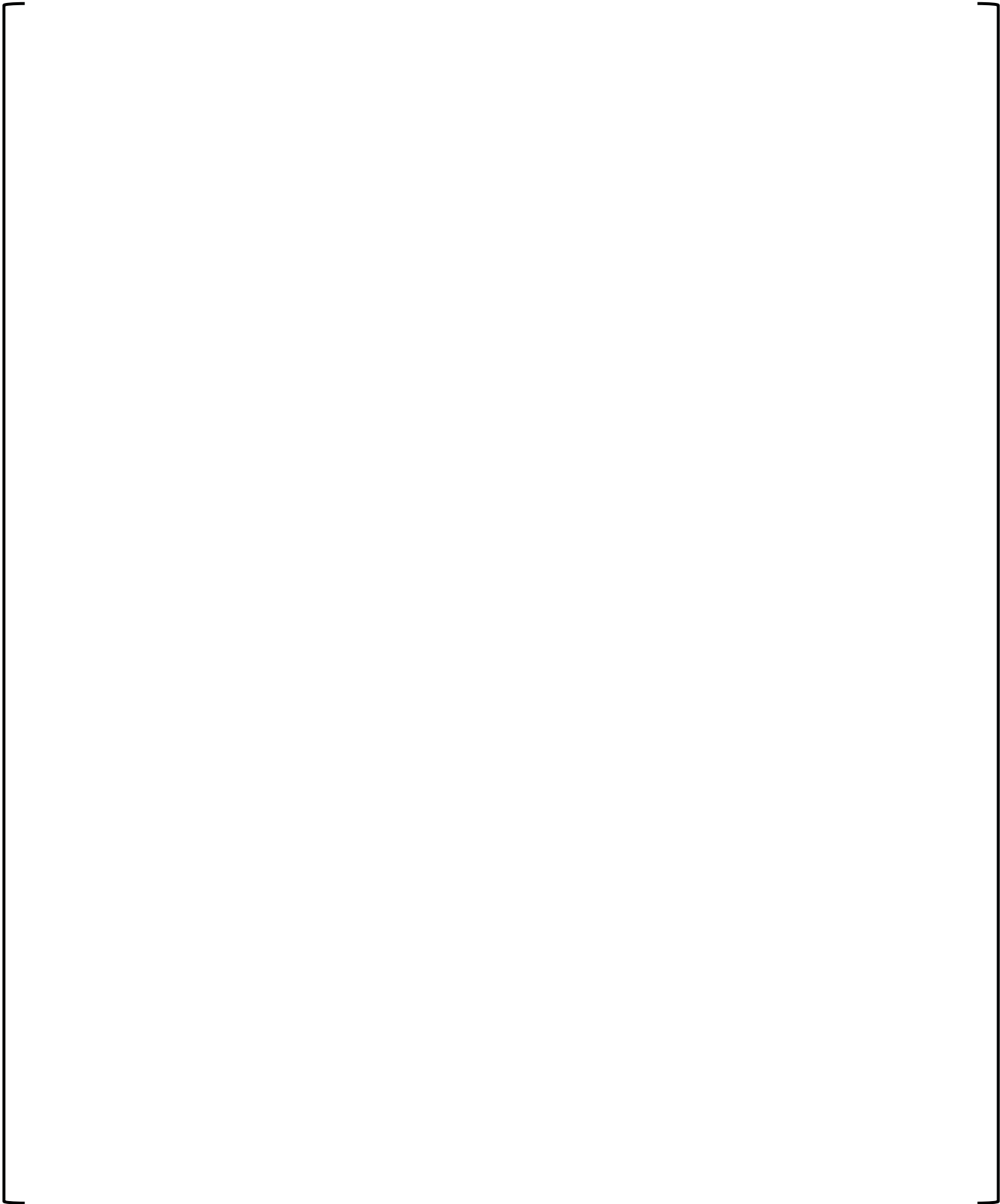
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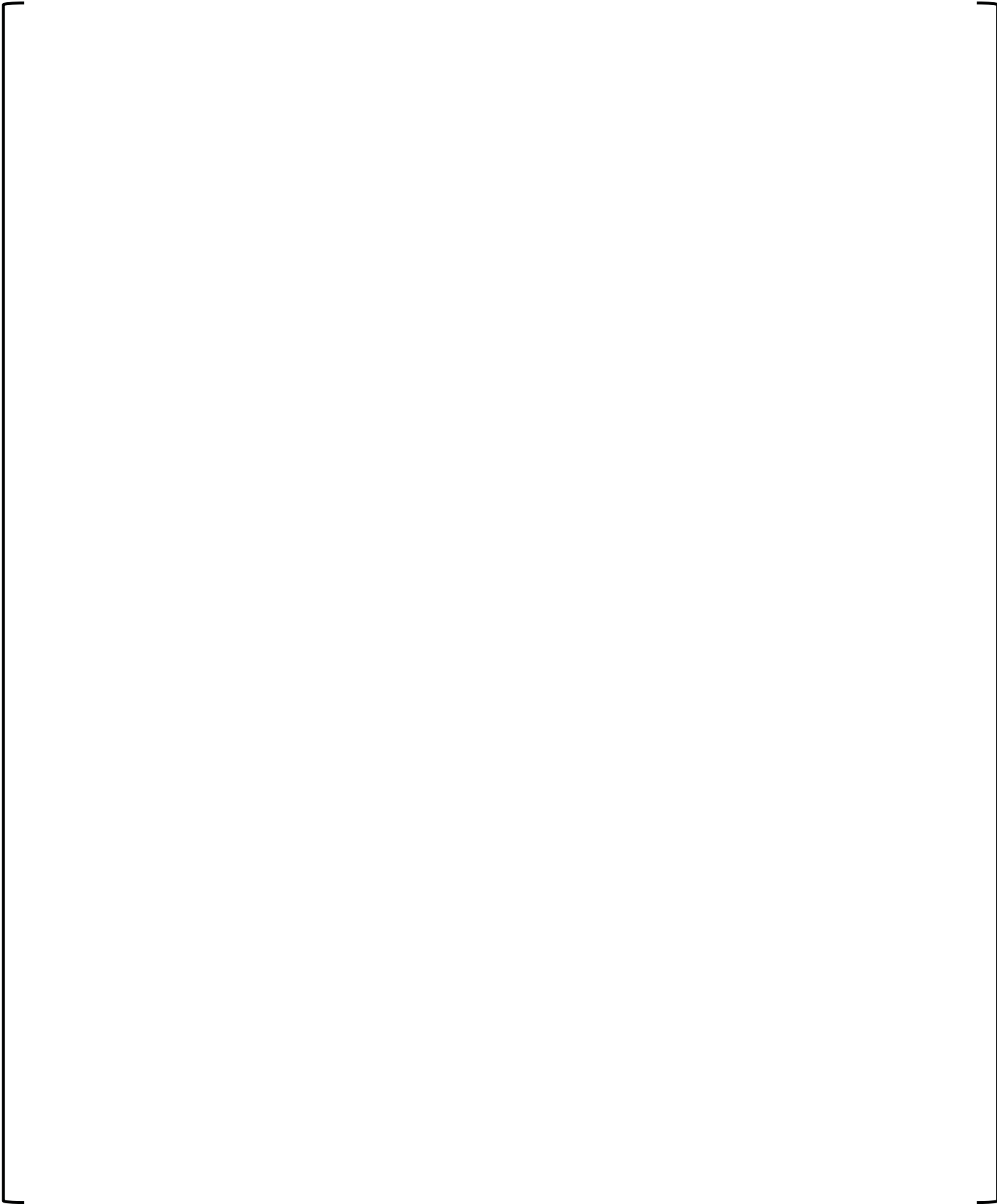


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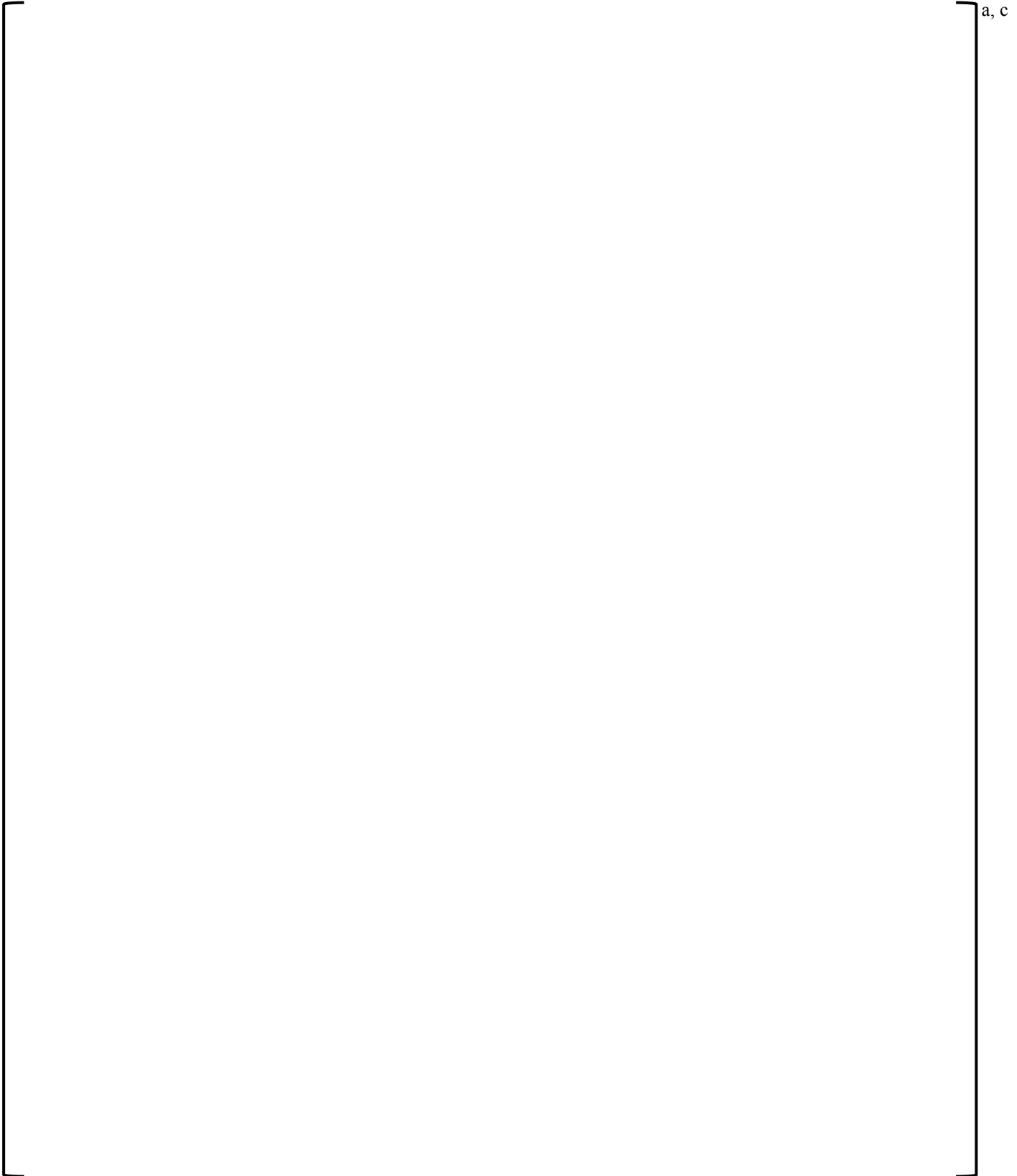
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	VOGTLE	Version A=0.0
	Unit B	Page 17 of 20

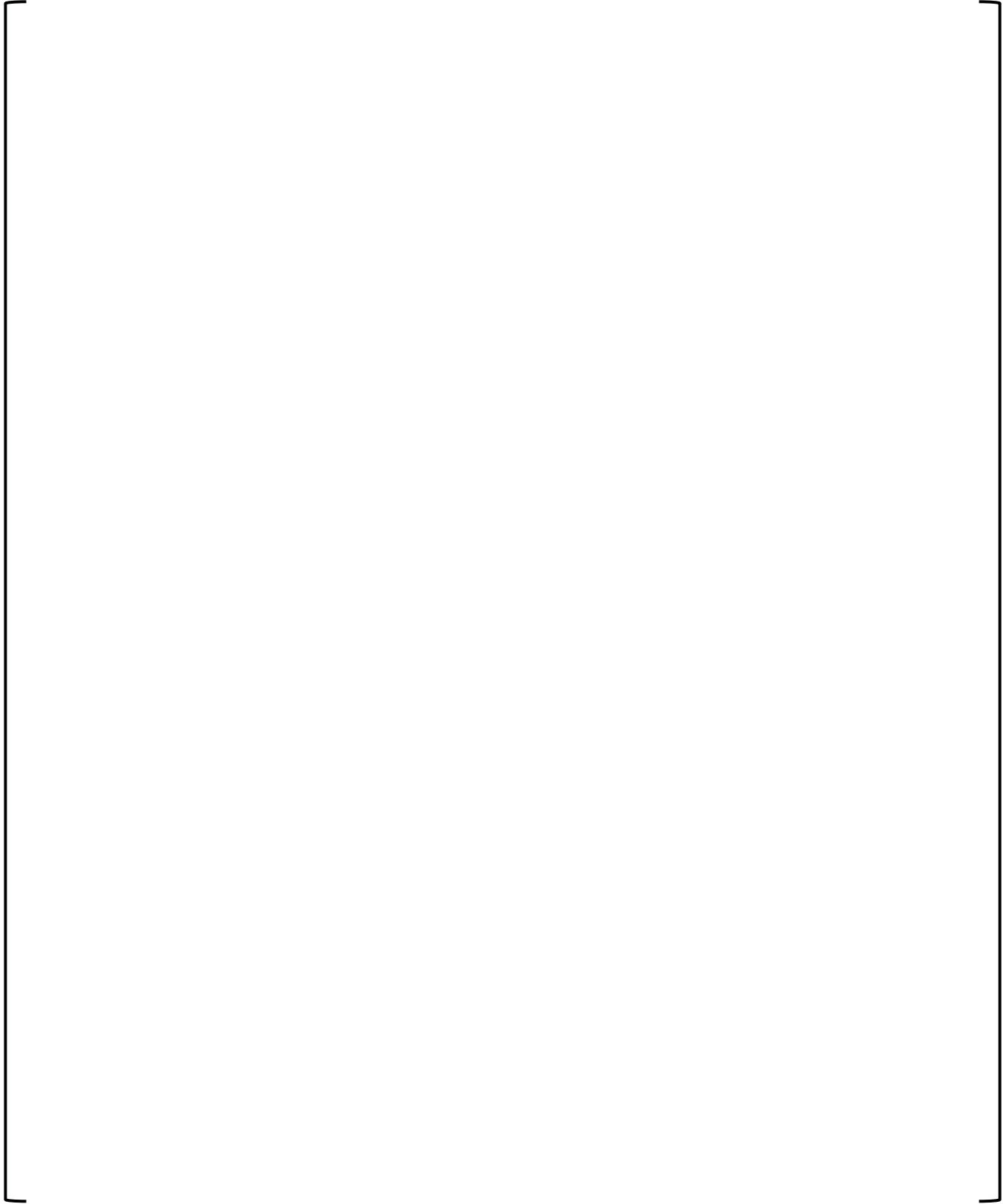
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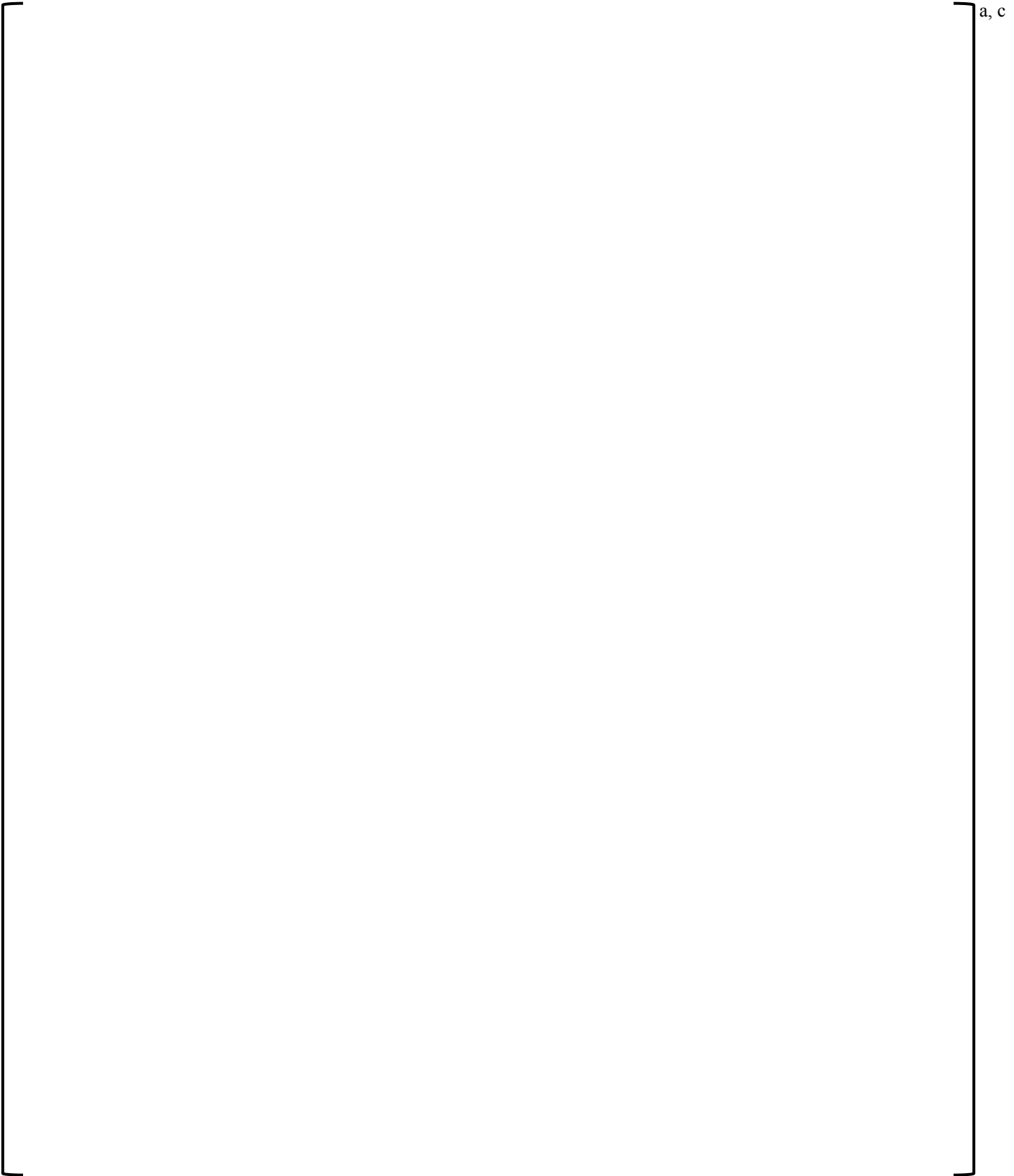
SHIFT TURNOVER

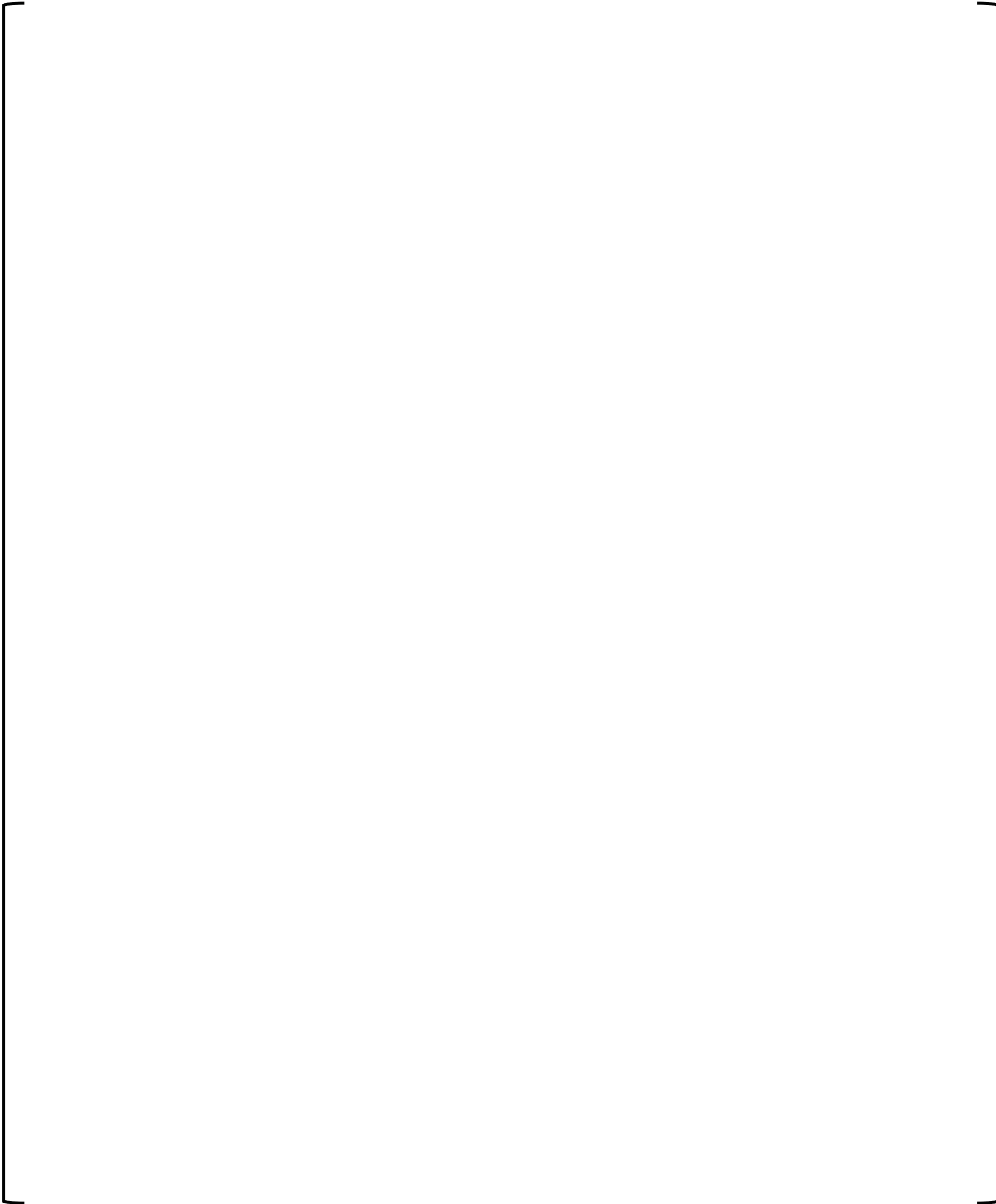
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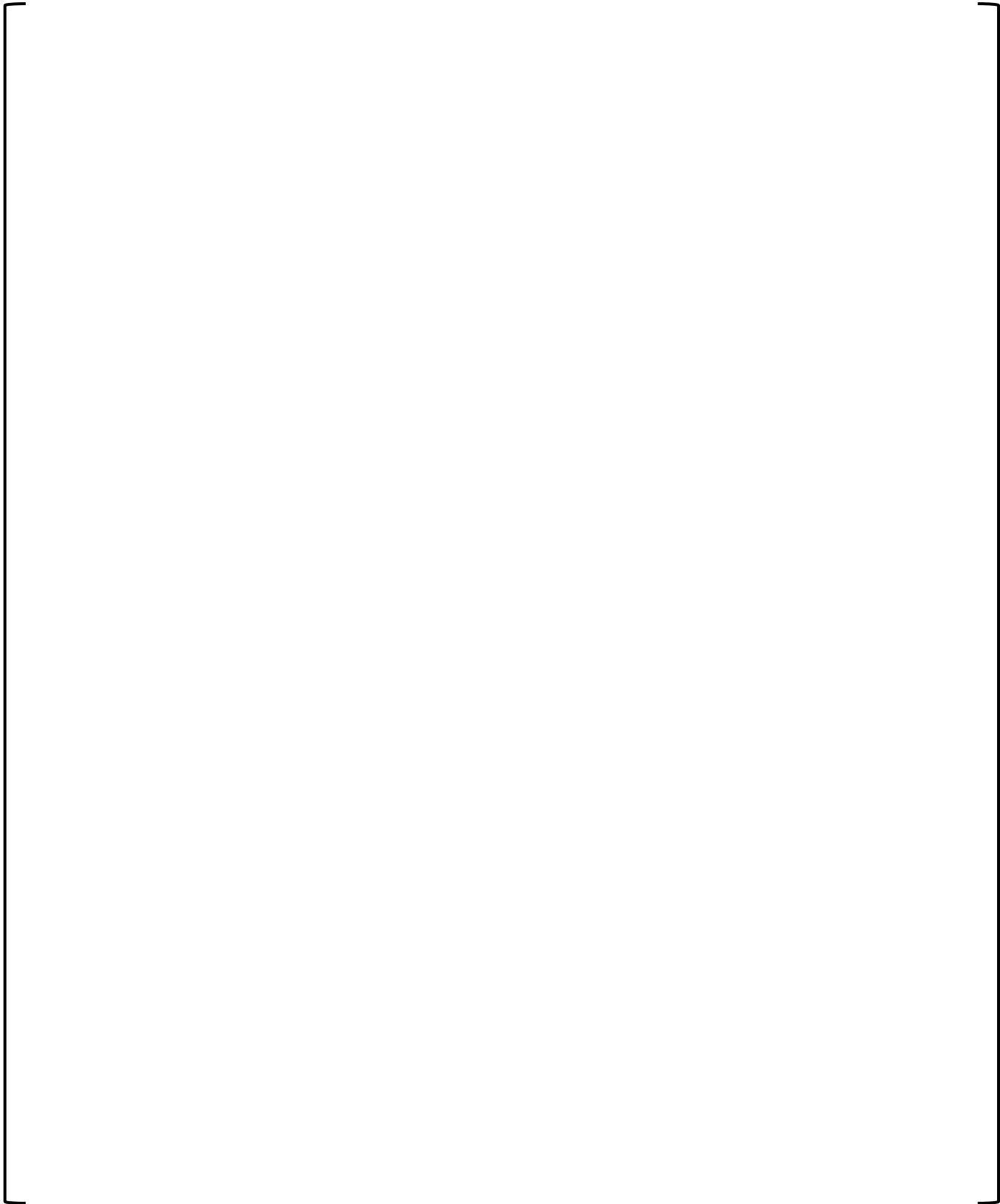


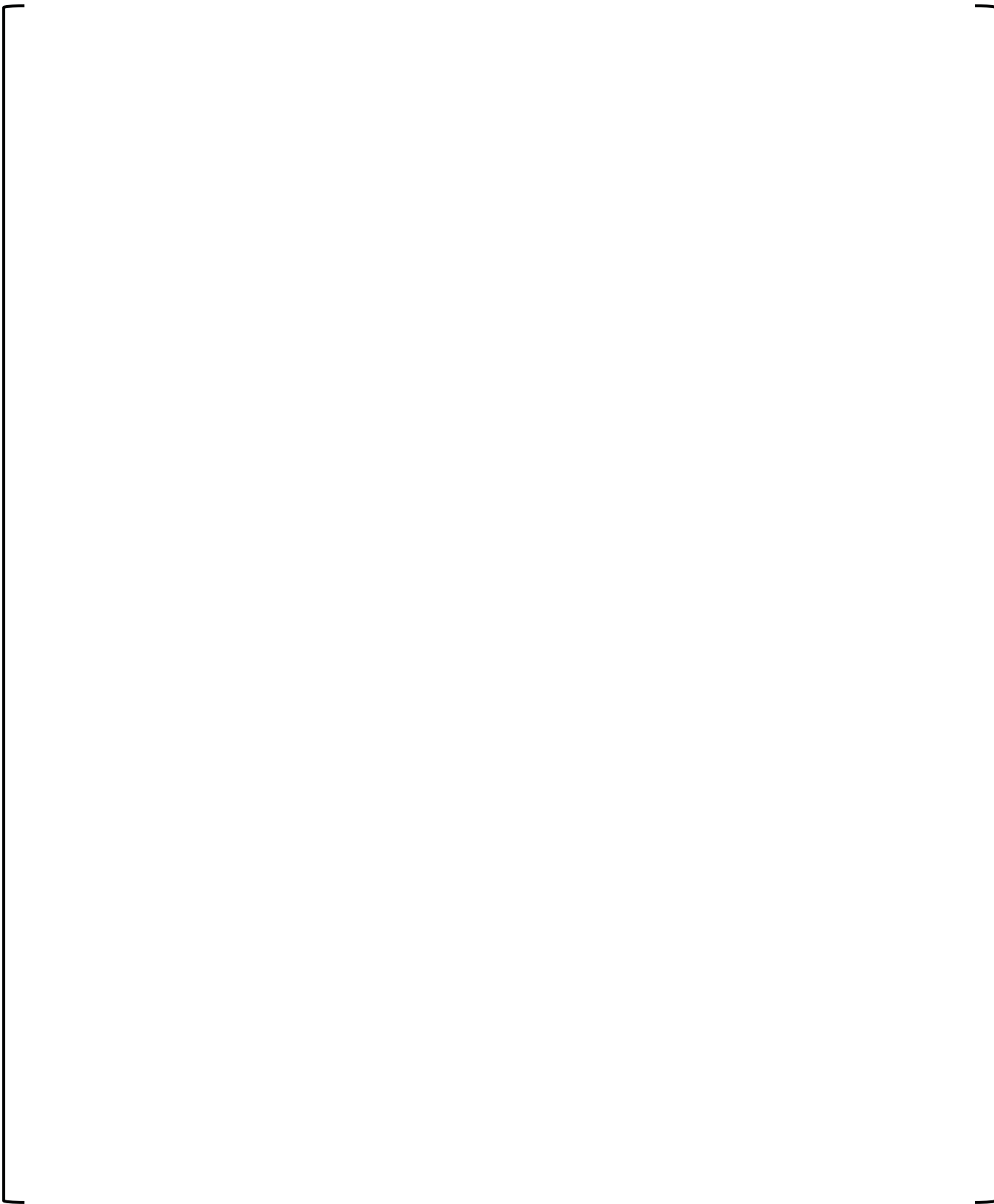


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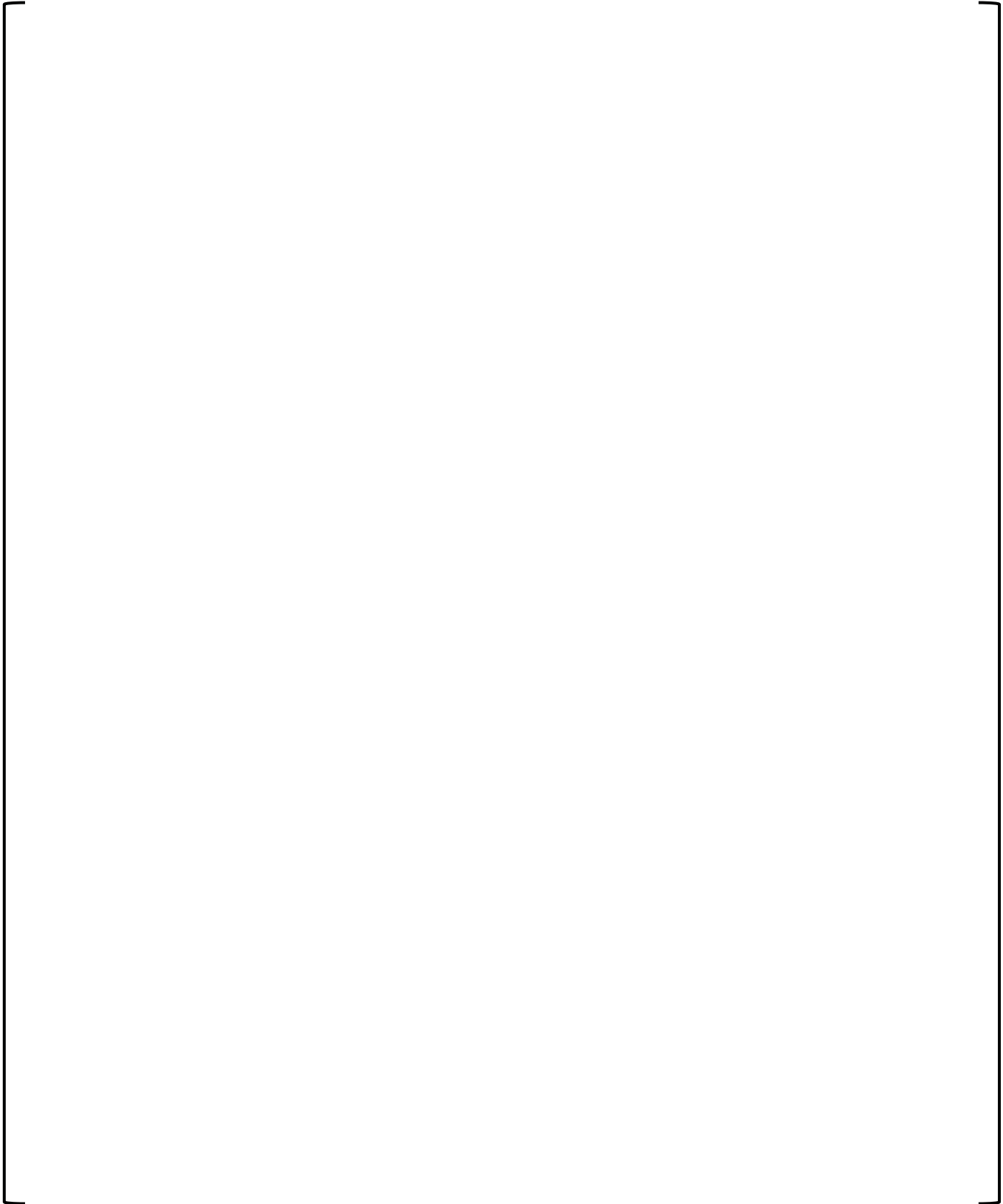


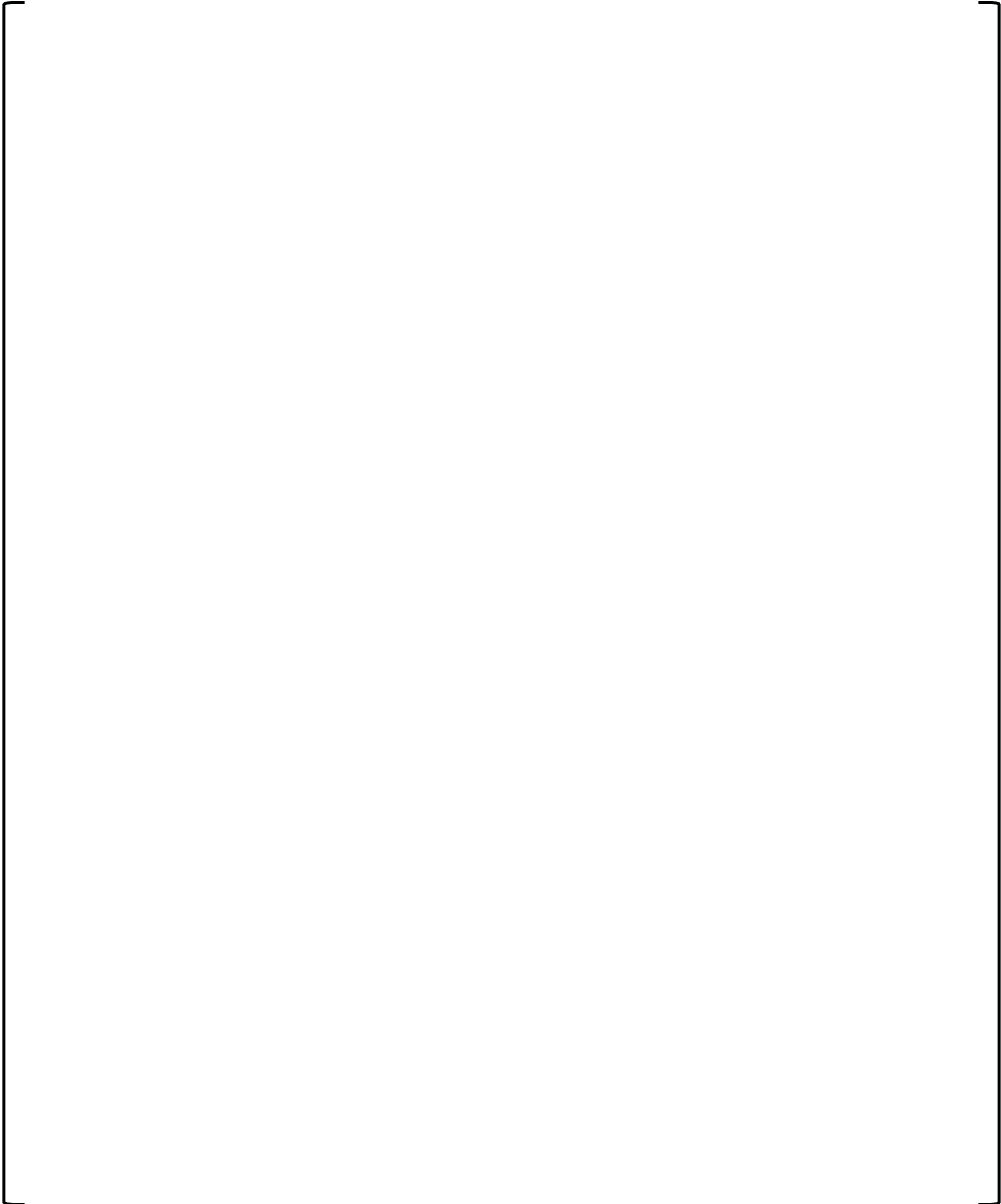






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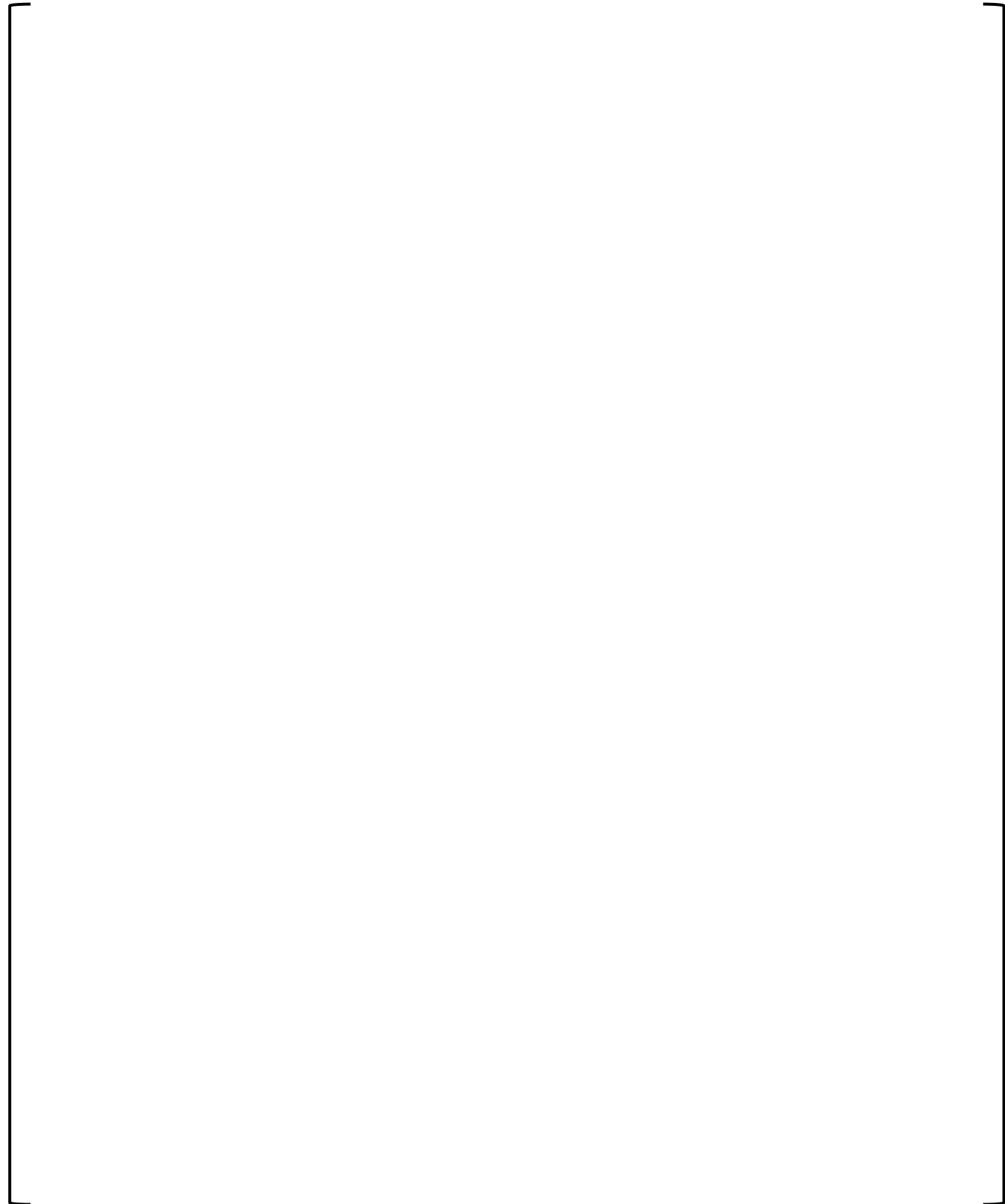




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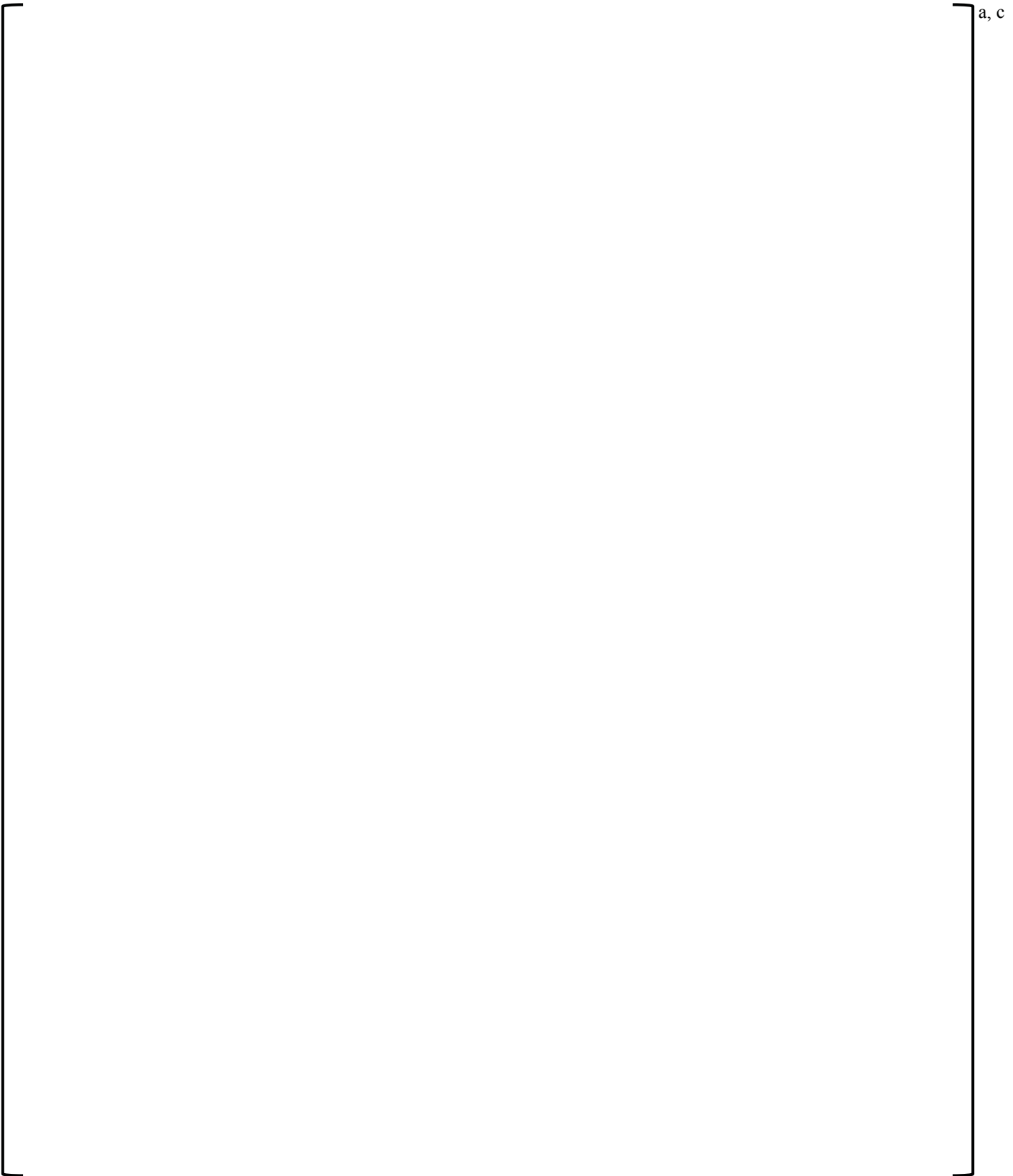


**VOGTLE
Unit 3**

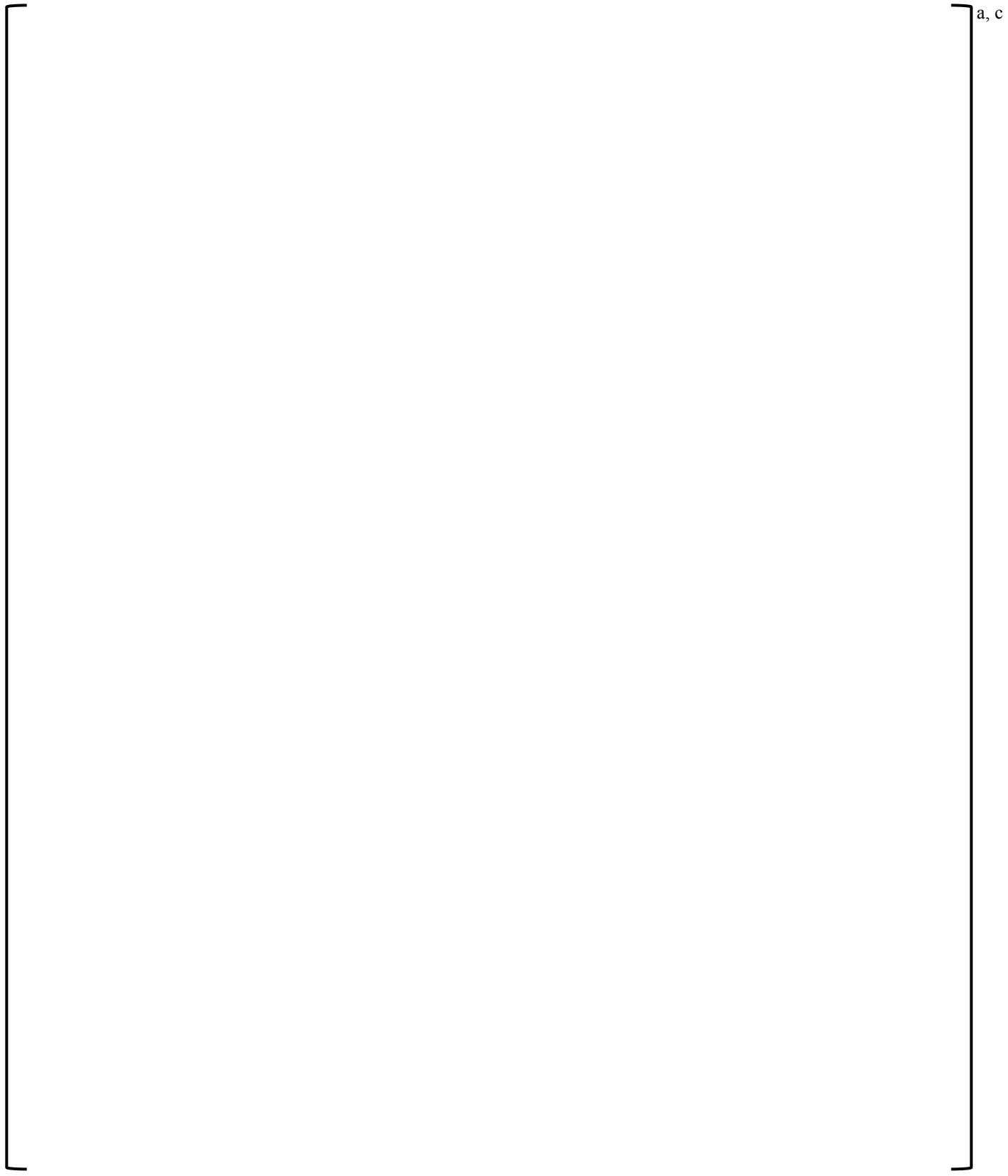


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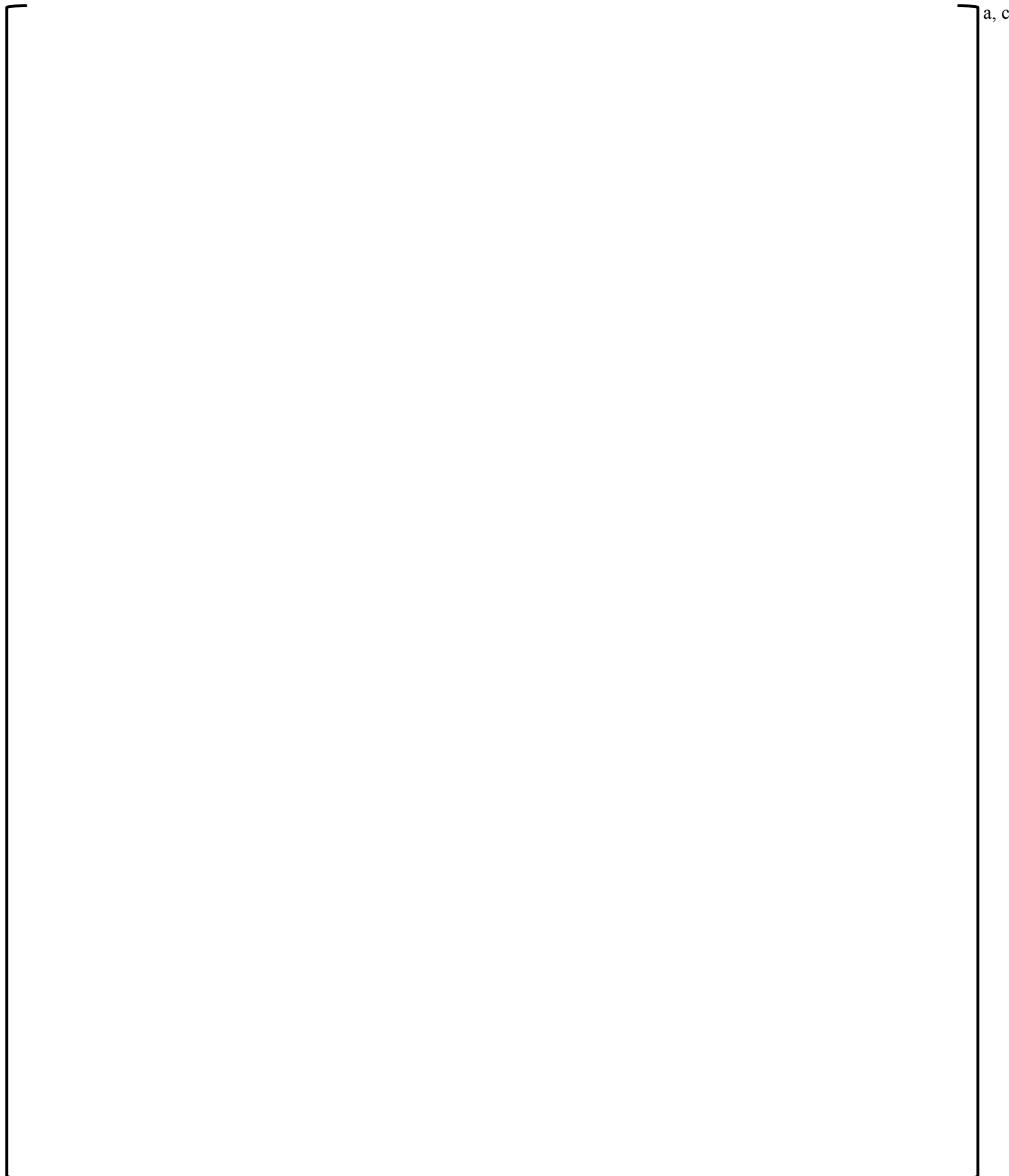
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	VOGTLE	Version H=0.7
	Unit 3	Page 2 of 51



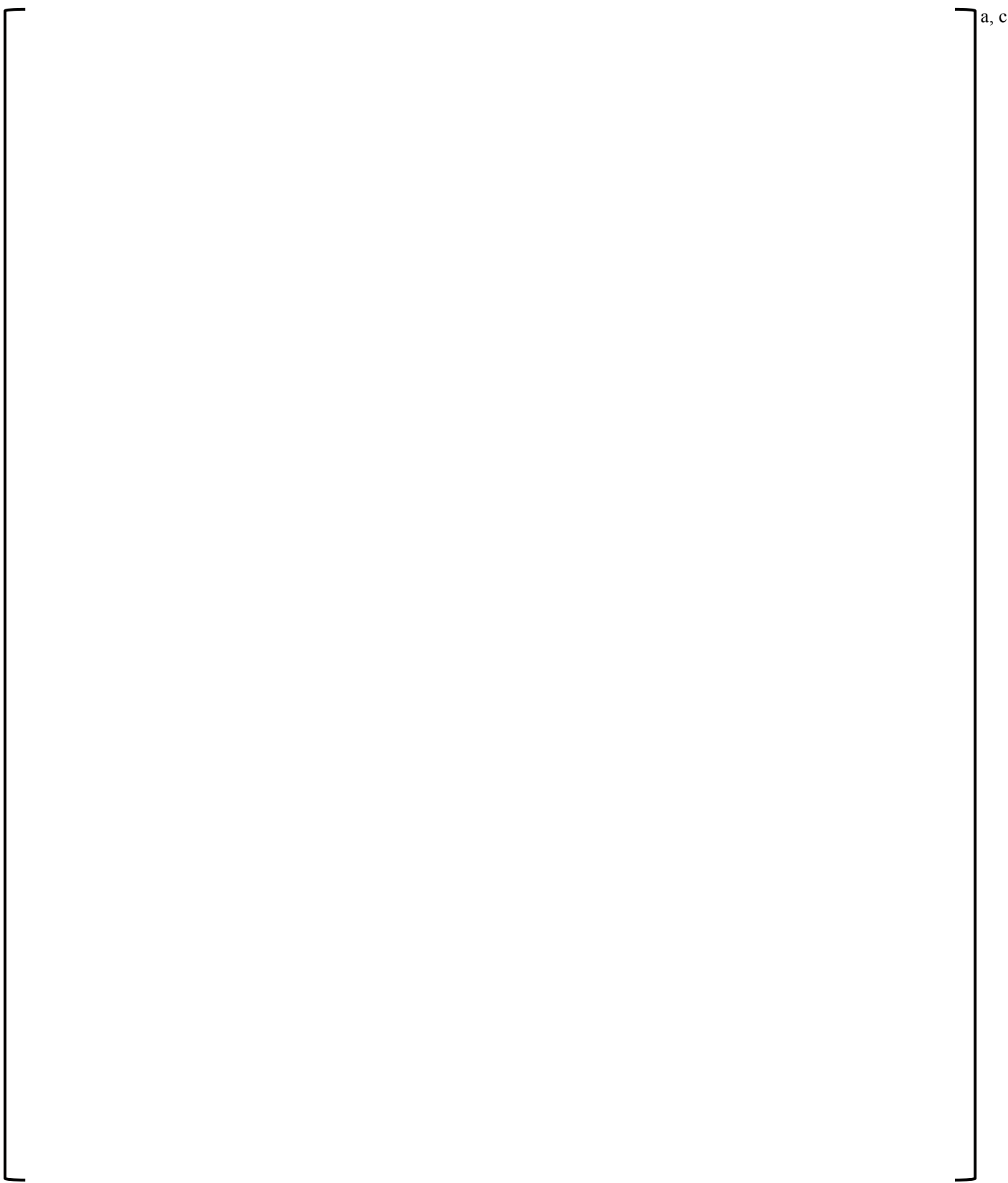
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 3 of 51



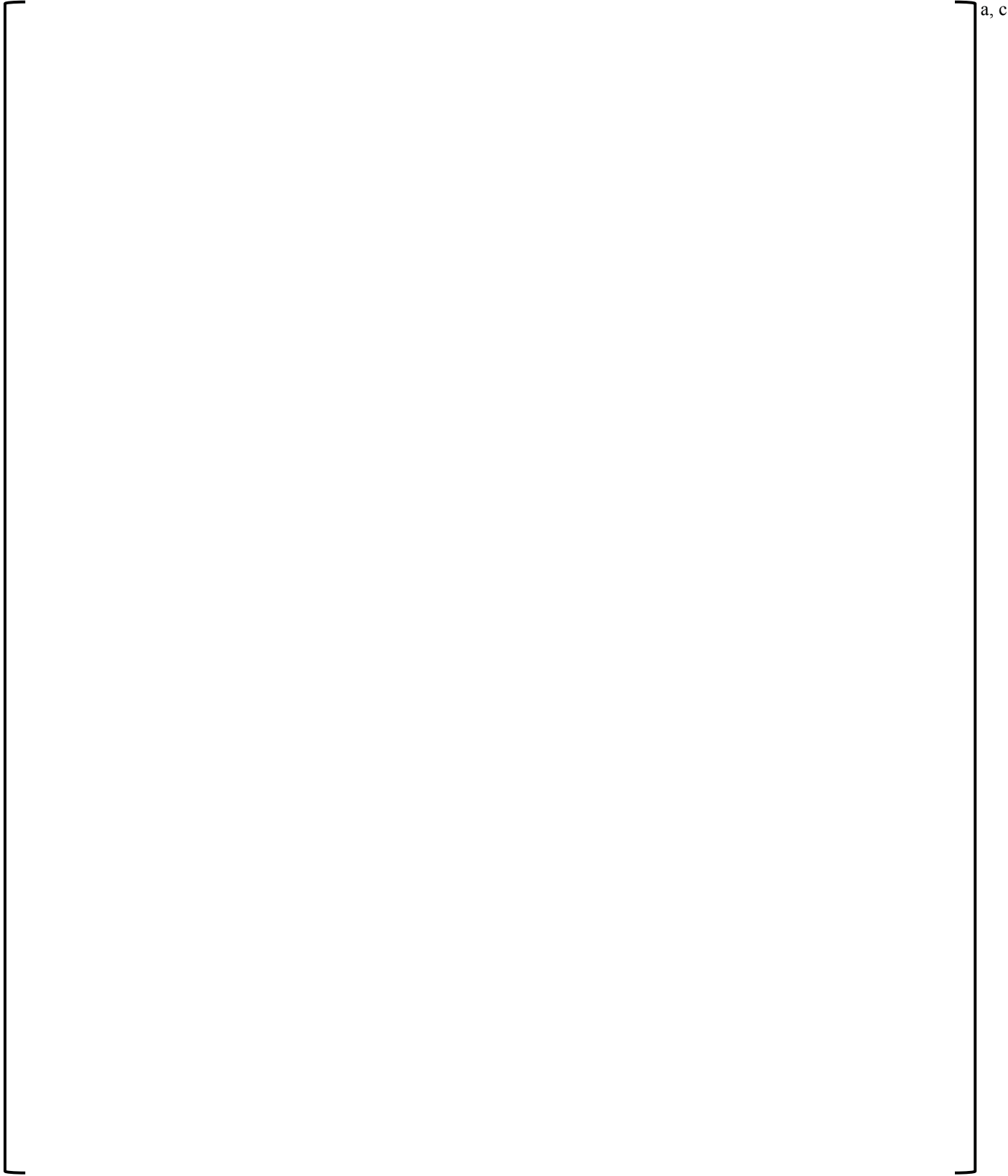
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	VOGTLE	Version H=0.7
	Unit 3	Page 4 of 51



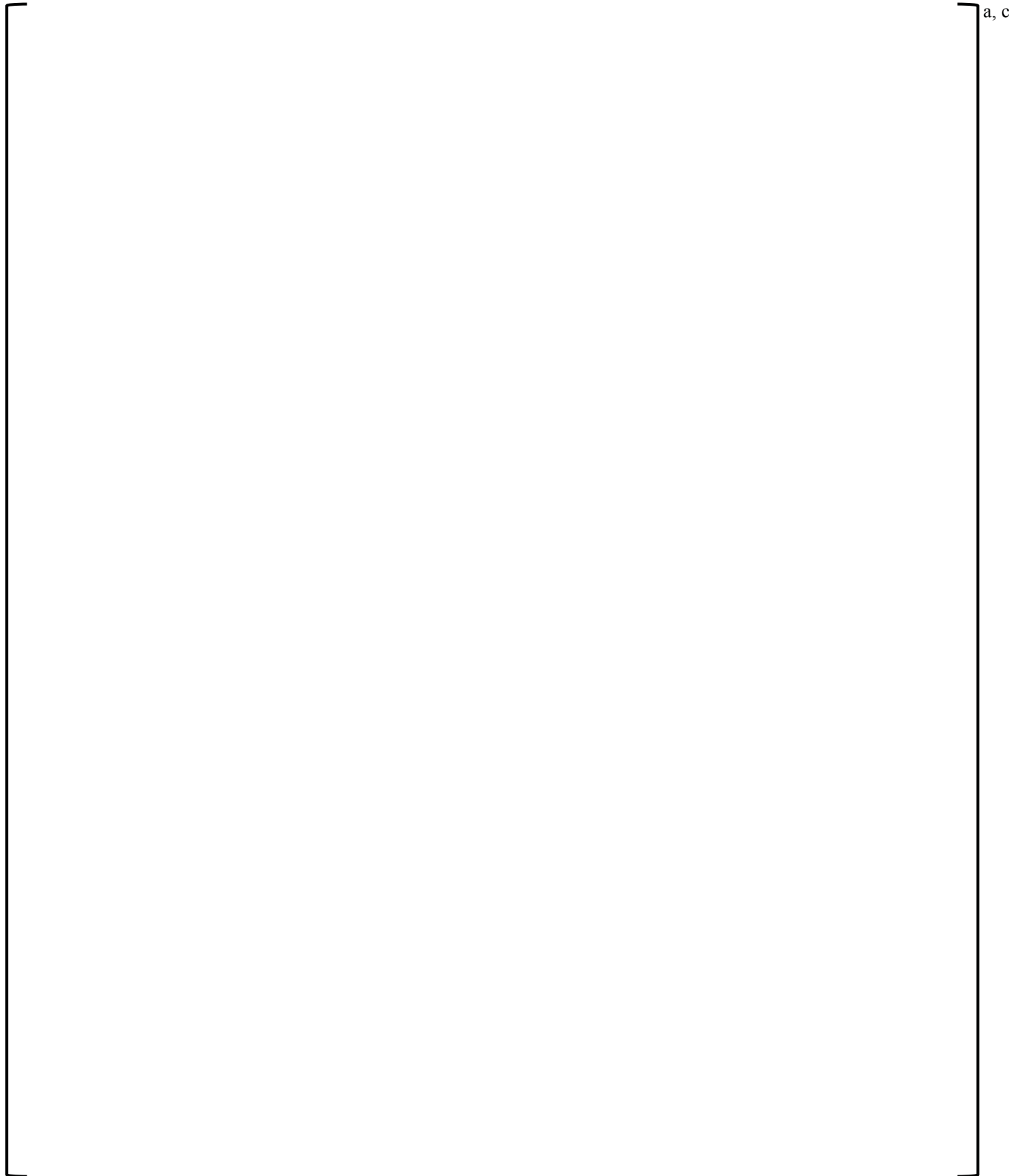
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	VOGTLE	Version H=0.7
	Unit 3	Page 5 of 51



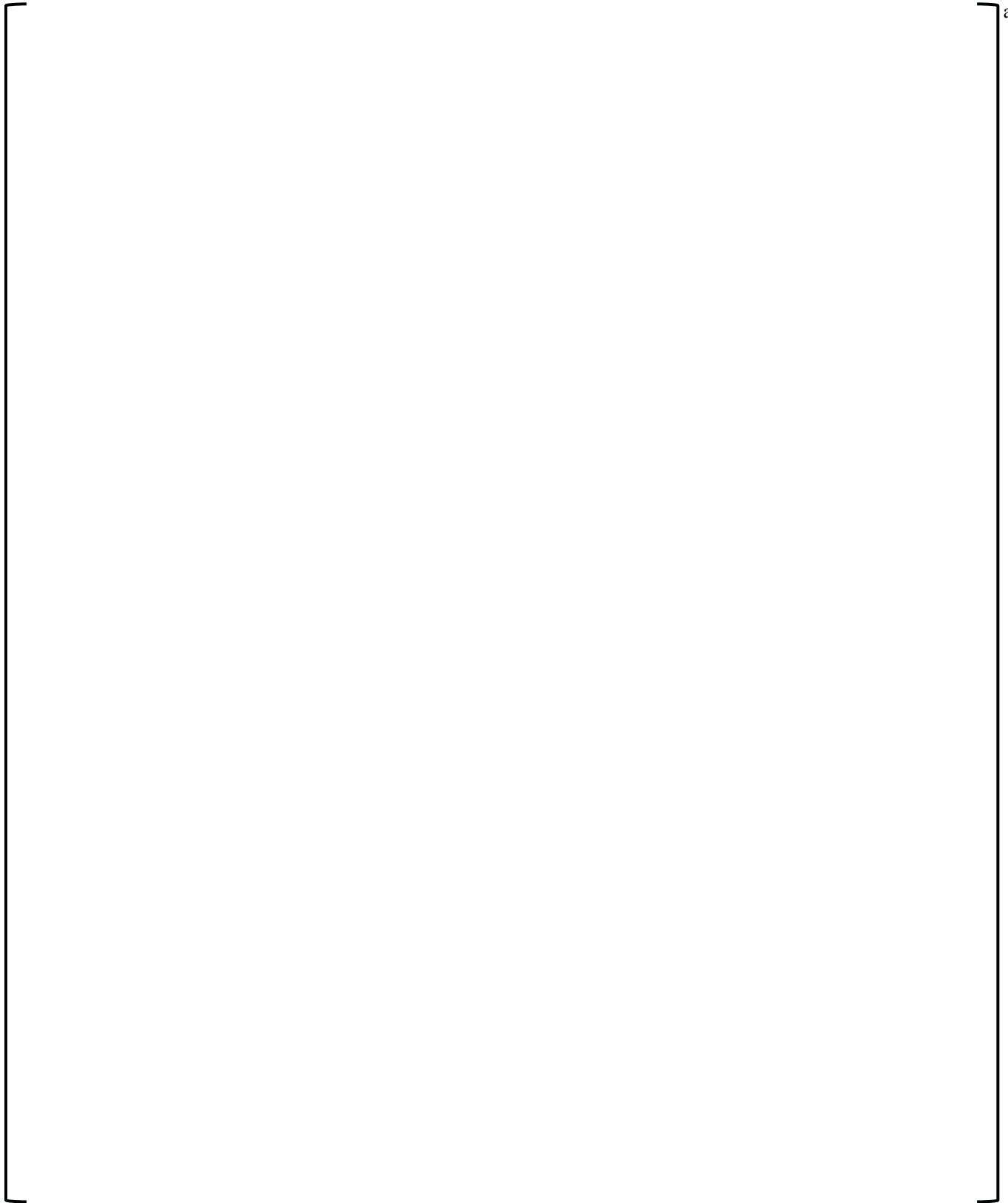
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	VOGTLE	Version H=0.7
	Unit 3	Page 6 of 51



Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 7 of 51



Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 8 of 51



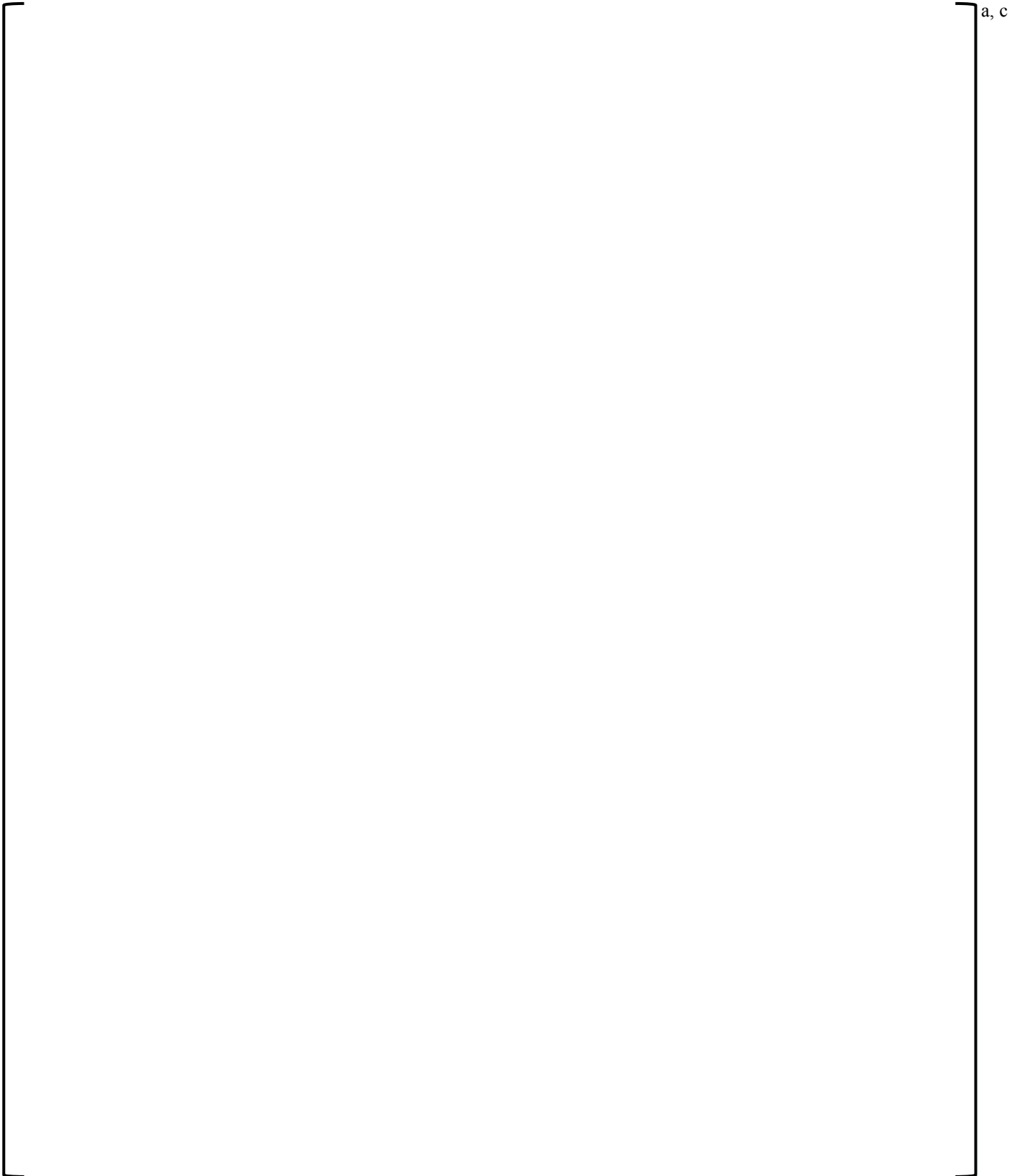
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	VOGTLE	Version H=0.7
	Unit 3	Page 9 of 51

a, c

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	VOGTLE	Version H=0.7
	Unit 3	Page 10 of 51

a, c

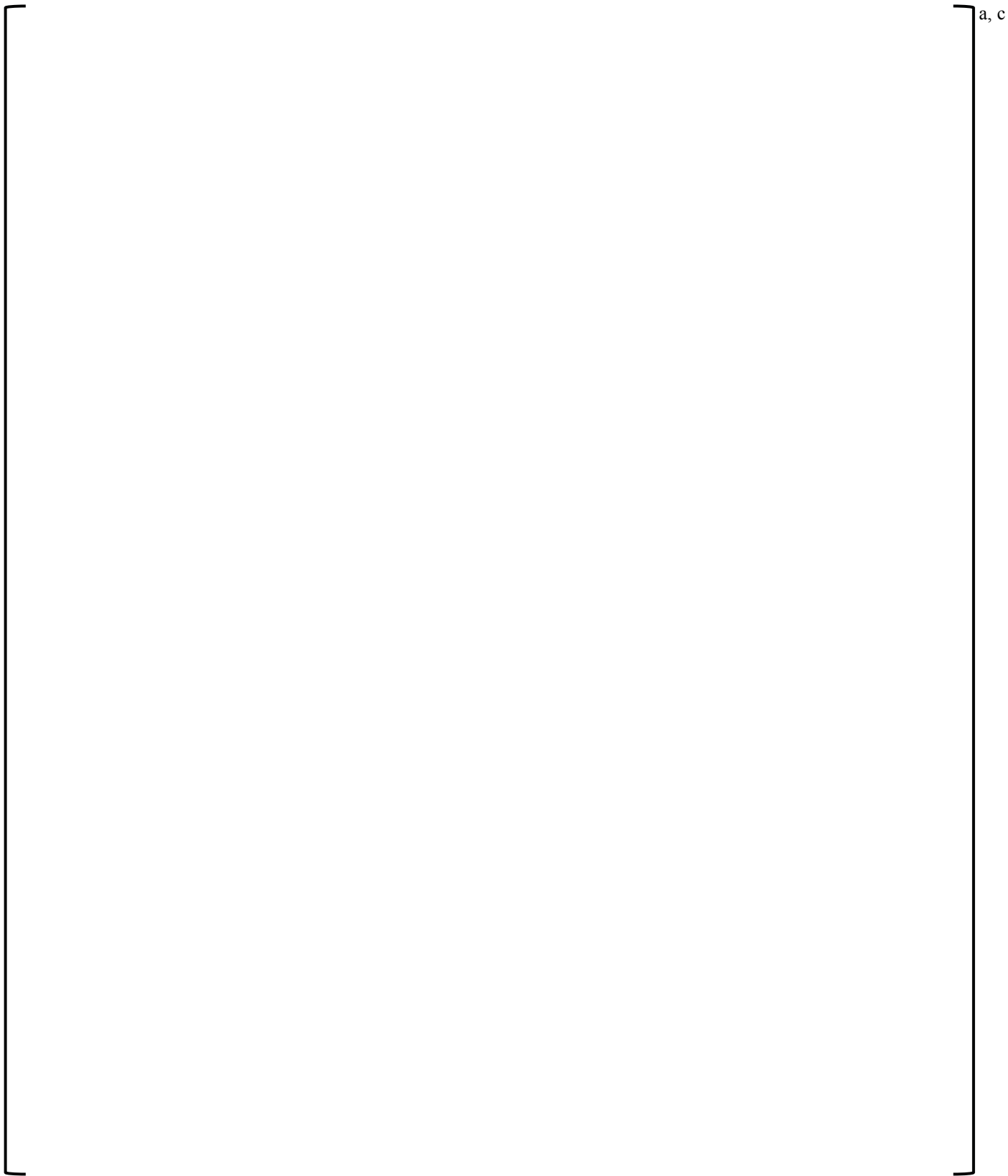
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	VOGTLE	Version H=0.7
	Unit 3	Page 11 of 51



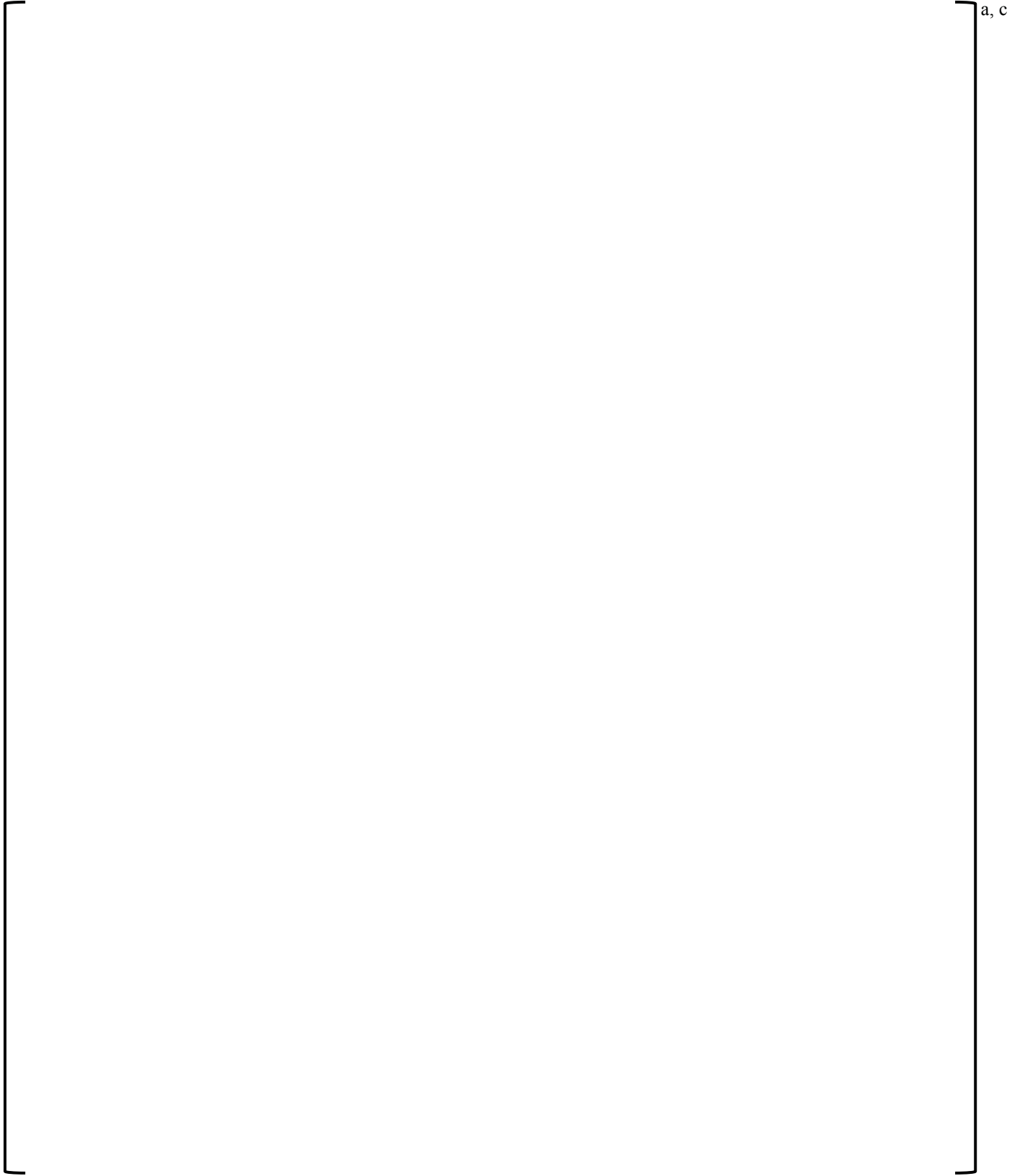
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	VOGTLE	Version H=0.7
	Unit 3	Page 12 of 51

a, c

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	VOGTLE	Version H=0.7
	Unit 3	Page 13 of 51



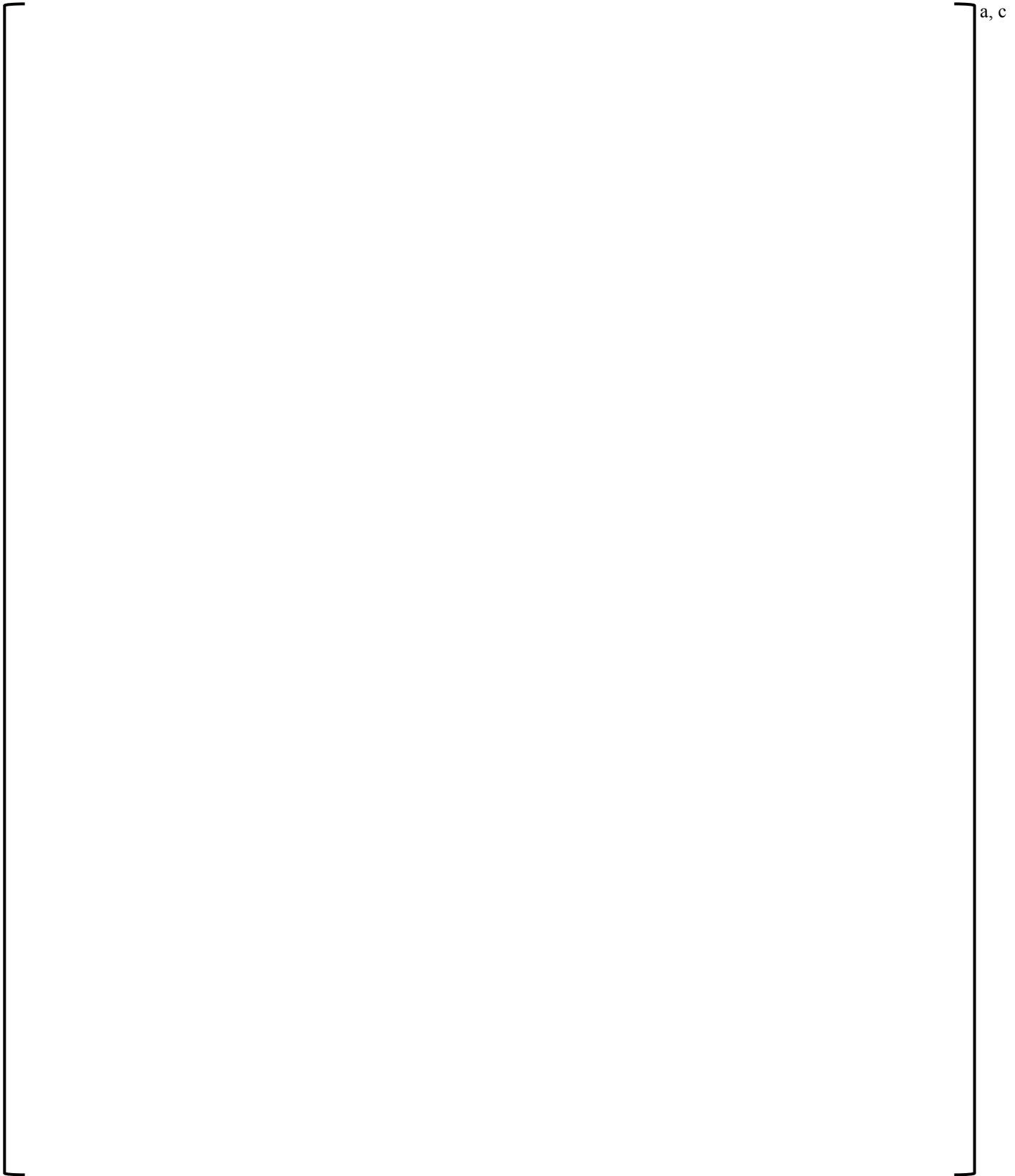
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	Unit 3	Page 14 of 51



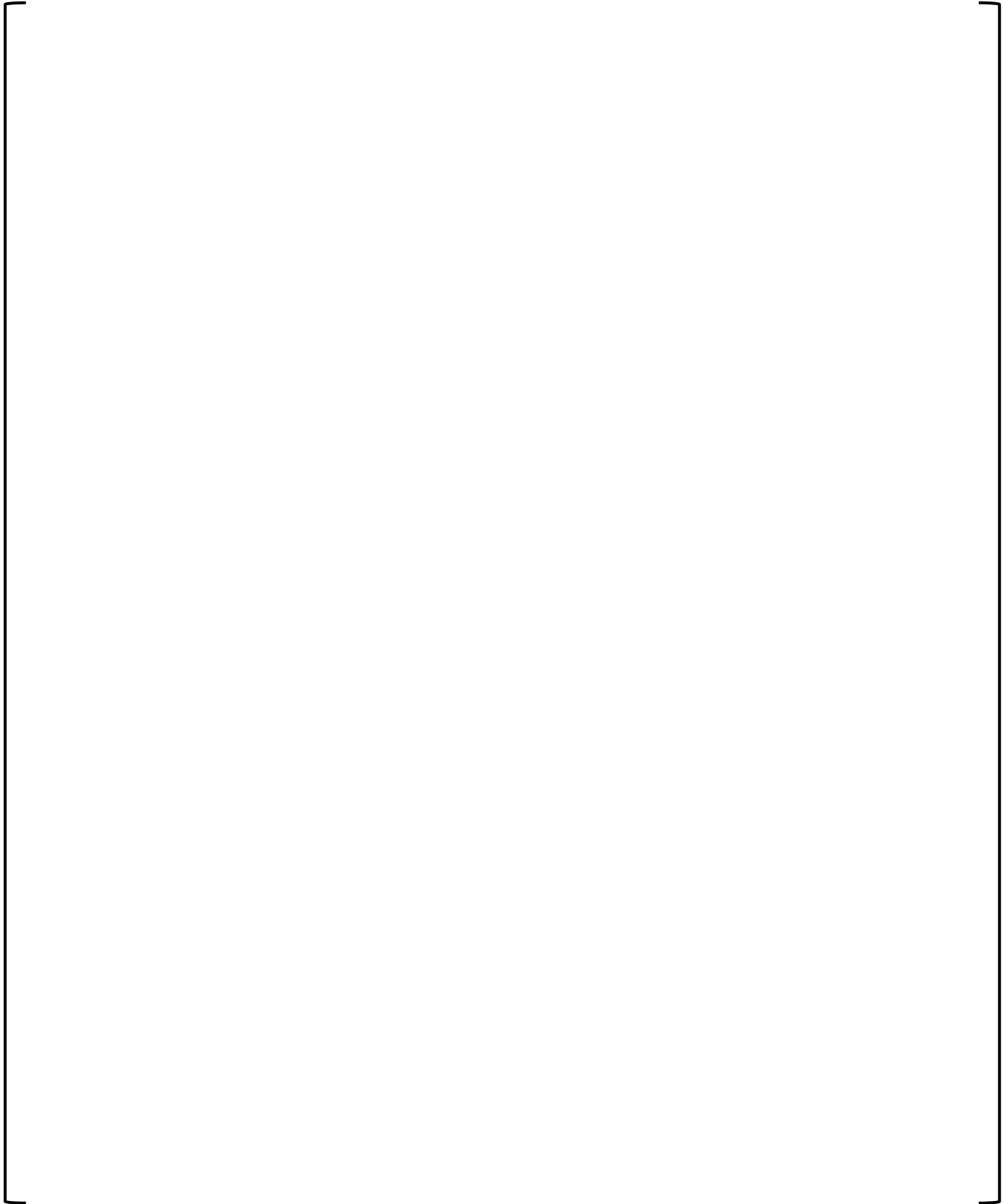
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	VOGTLE	Version H=0.7
	Unit 3	Page 15 of 51

a, c

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	VOGTLE	Version H=0.7
	Unit 3	Page 16 of 51



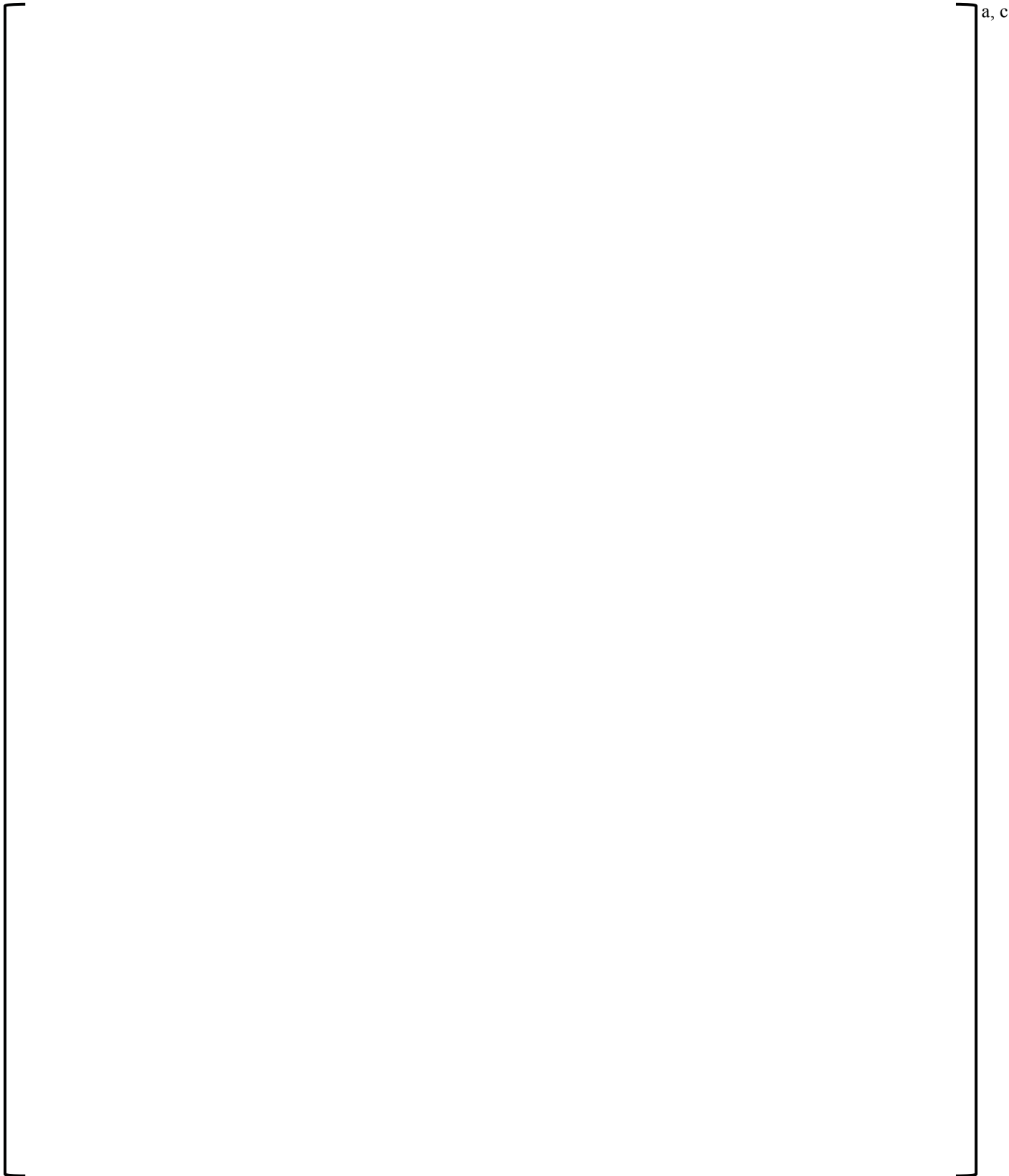
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	Unit 3	Page 17 of 51



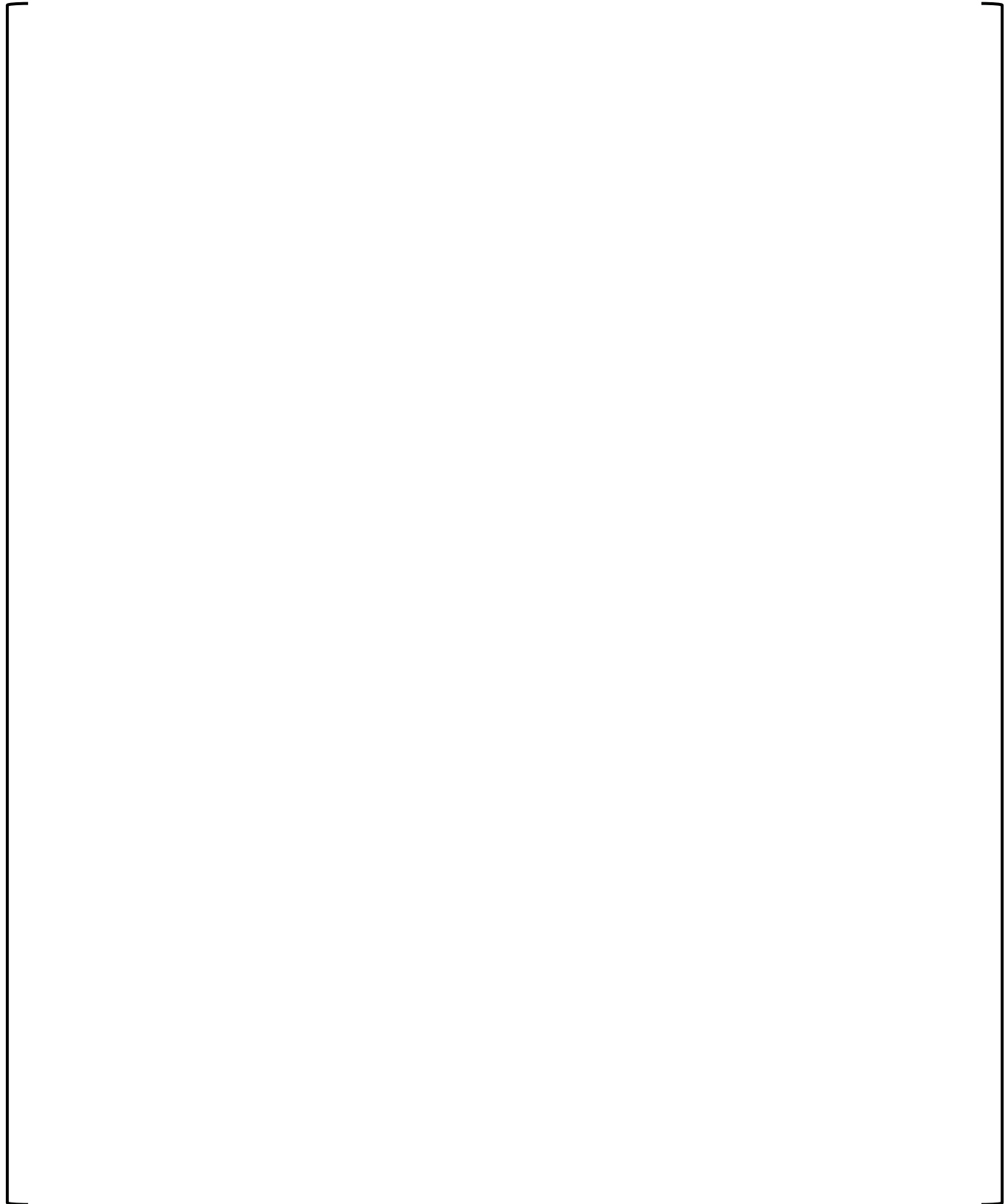
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	Unit 3	Page 18 of 51

a, c

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	VOGTLE	Version H=0.7
	Unit 3	Page 19 of 51



Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 20 of 51

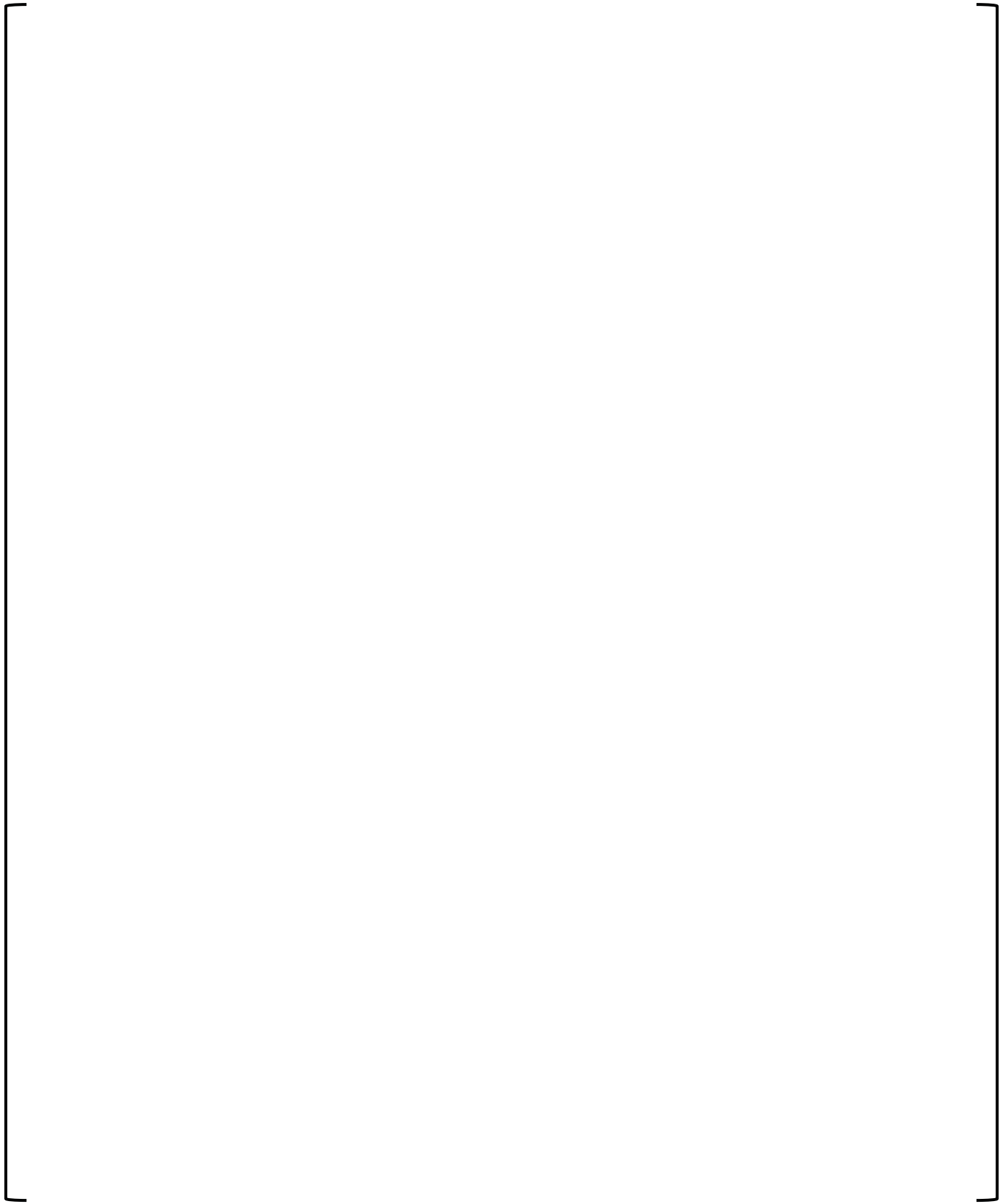


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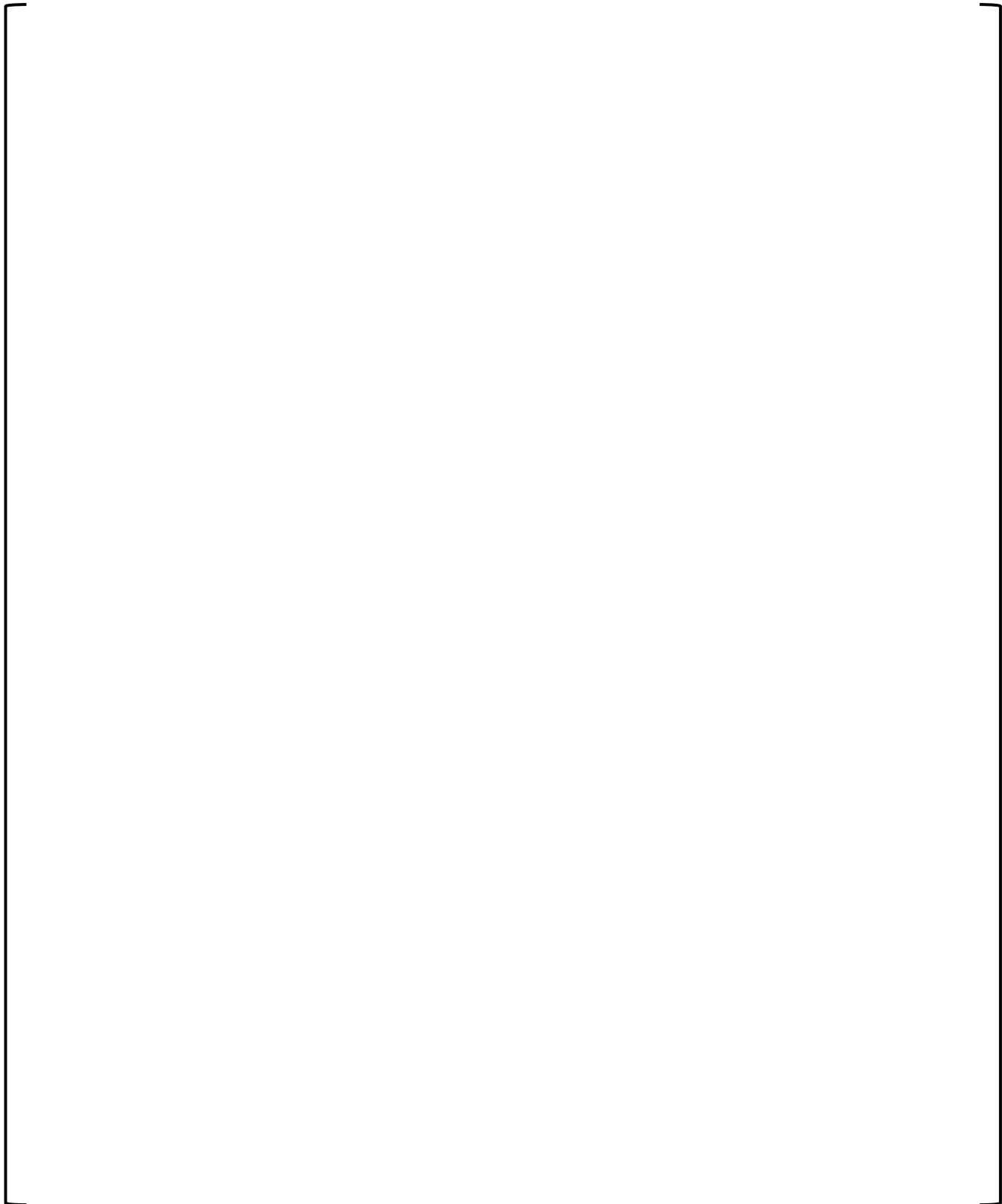
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	Unit 3	Page 21 of 51

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	Unit 3	Page 22 of 51

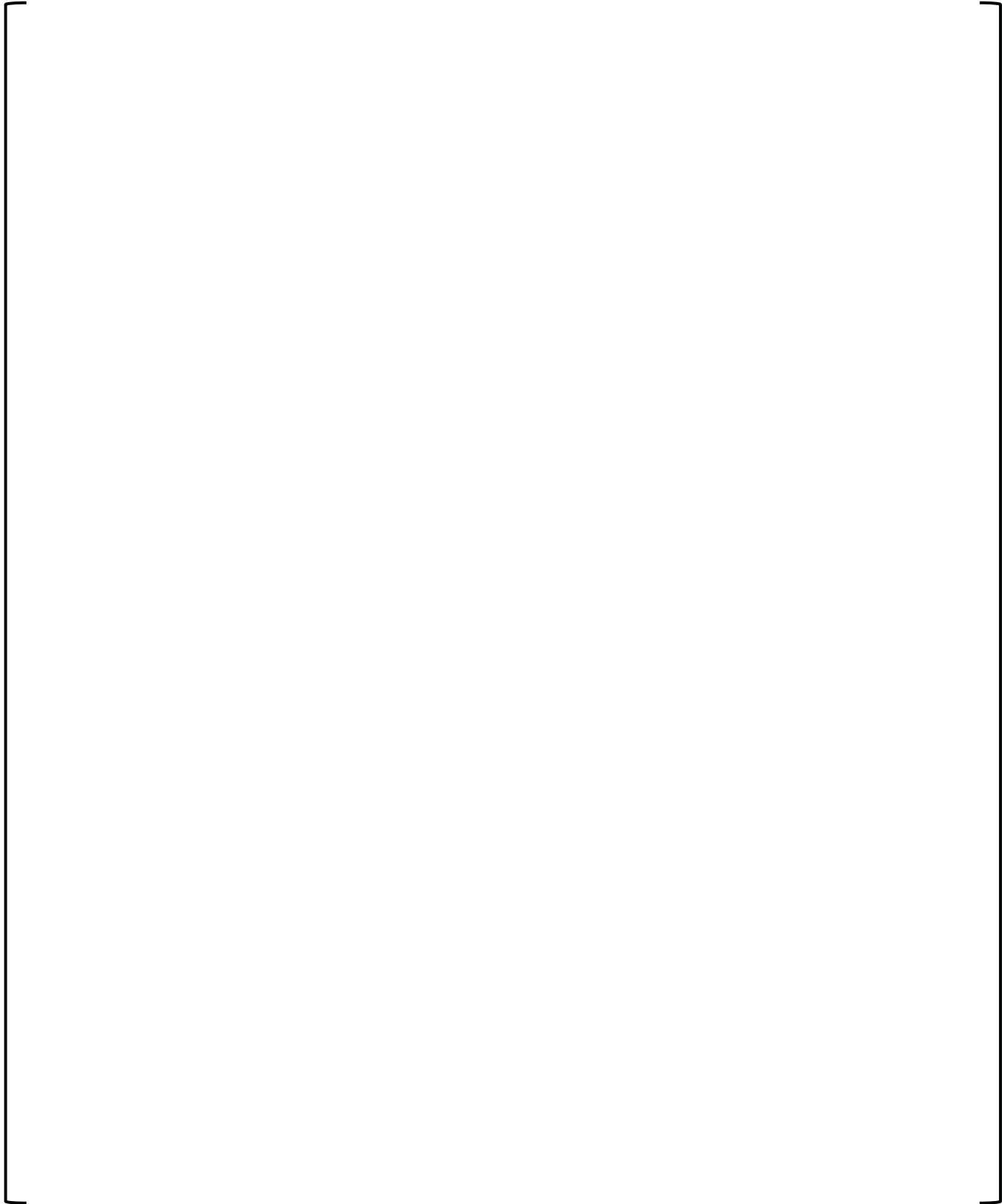


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	Unit 3	Page 23 of 51

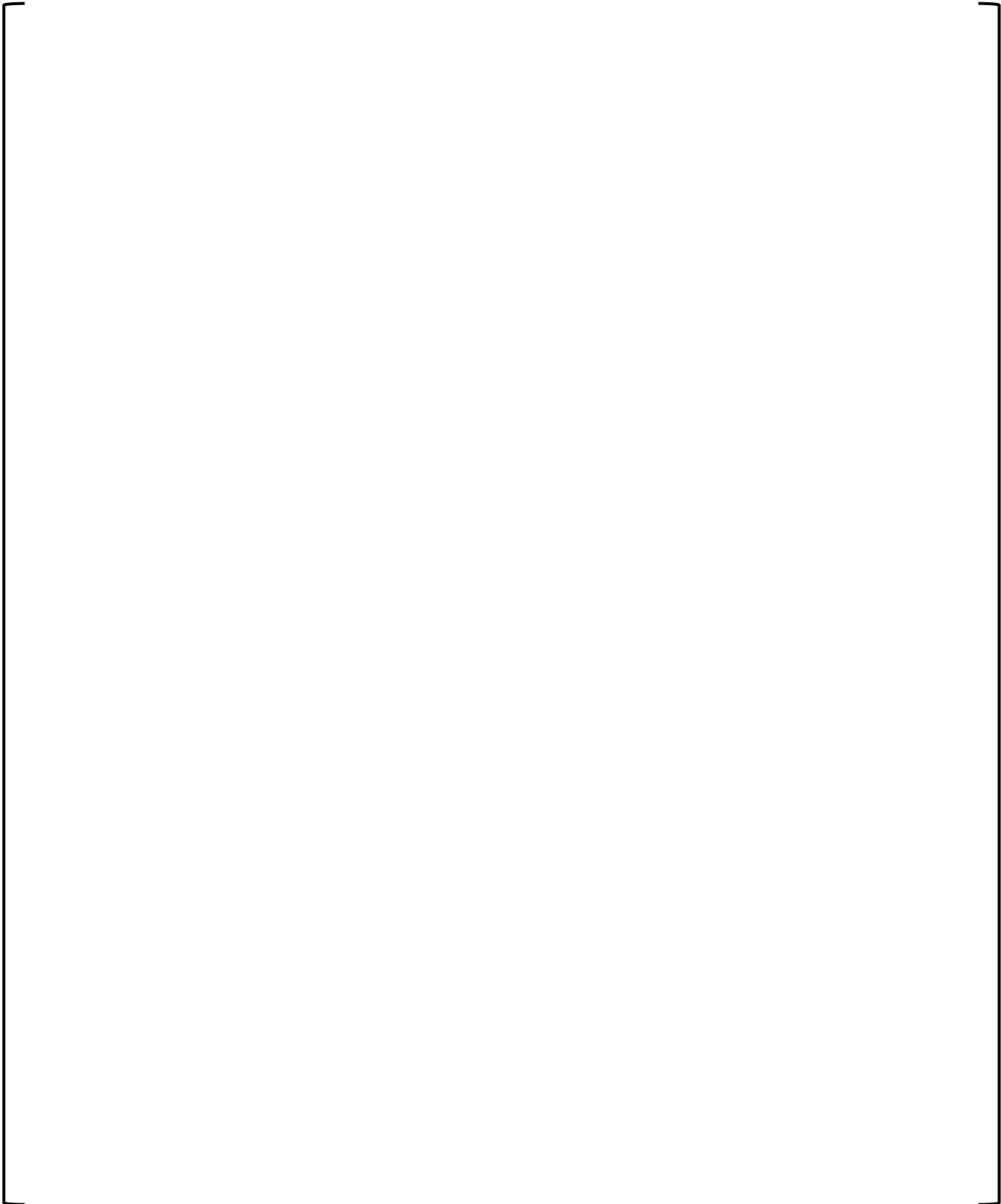


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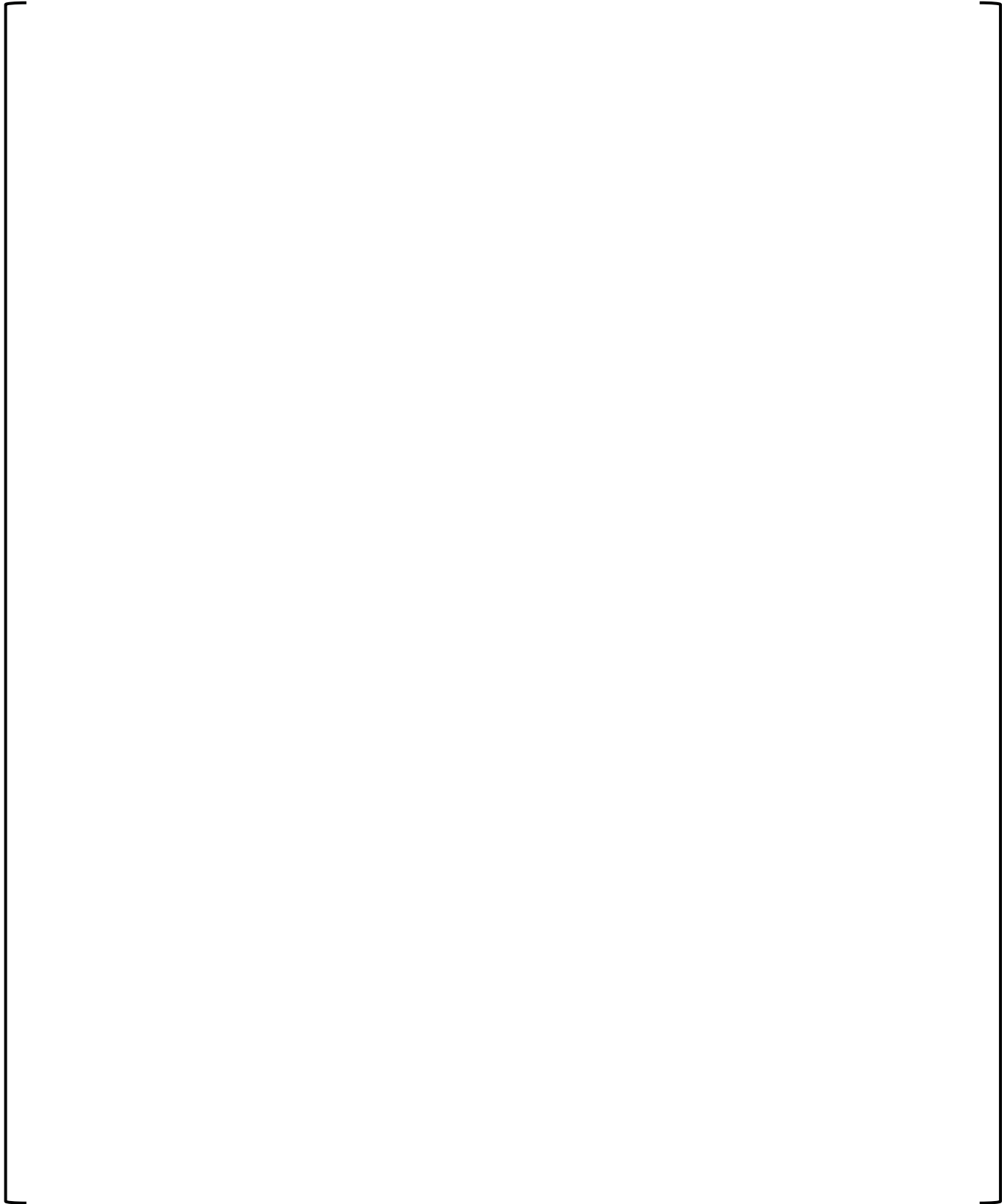
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	VOGTLE	Version H=0.7
	Unit 3	Page 24 of 51



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	VOGTLE	Version H=0.7
	Unit 3	Page 25 of 51



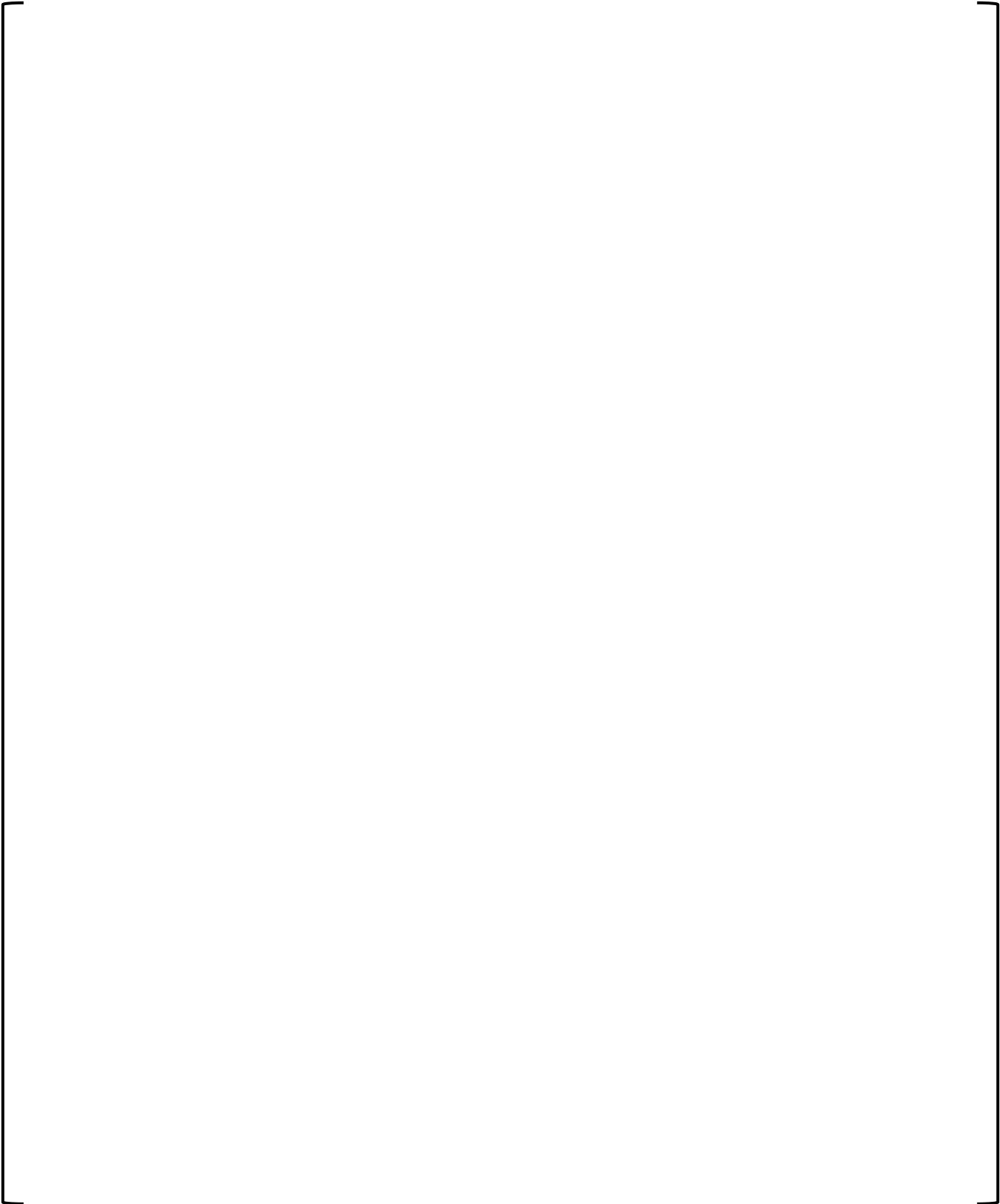
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	VOGTLE	Version H=0.7
	Unit 3	Page 26 of 51



Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 27 of 51

a, c

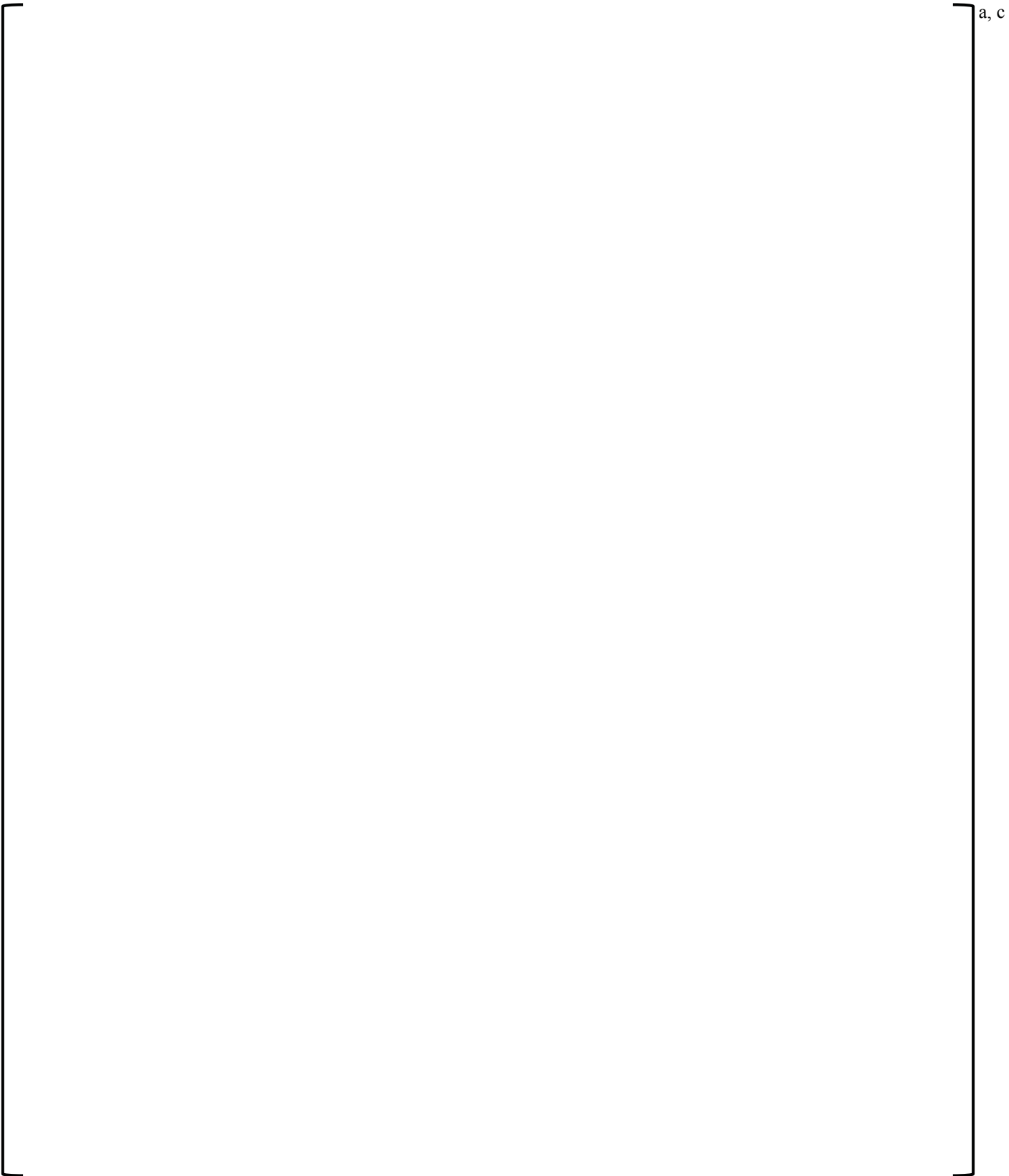
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	Unit 3	Page 28 of 51



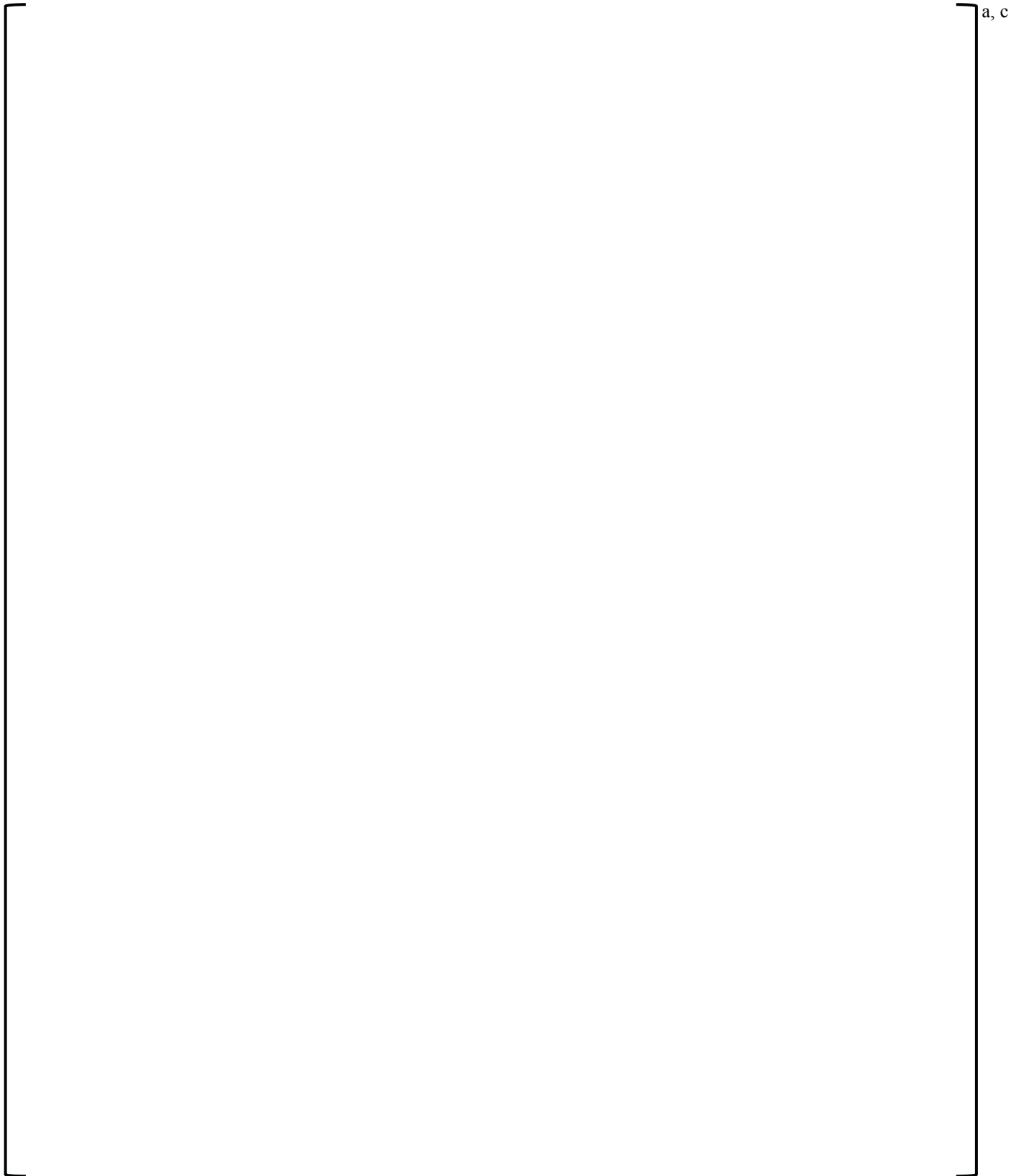
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	Unit 3	Page 29 of 51

a, c

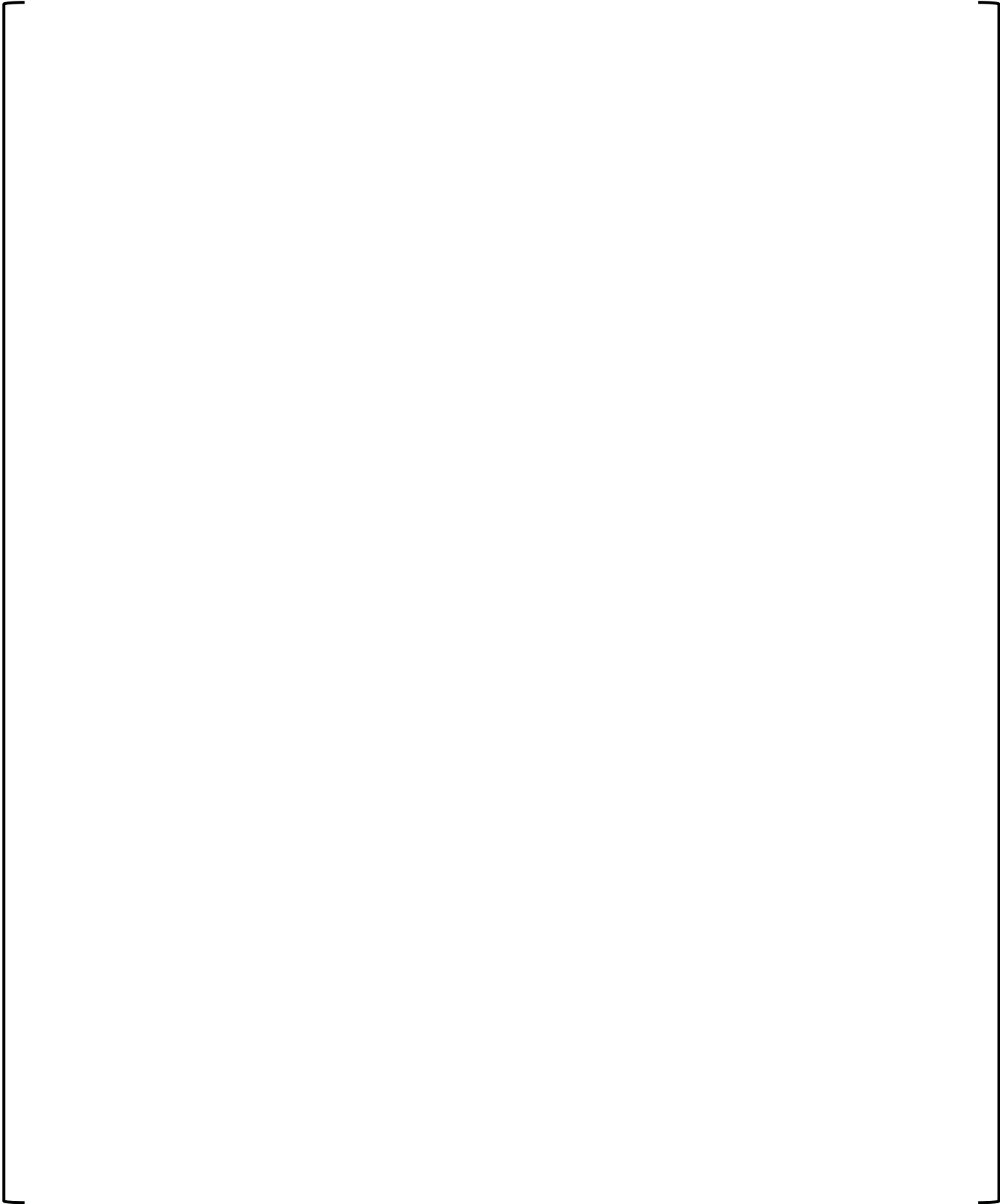
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	VOGTLE	Version H=0.7
	Unit 3	Page 30 of 51



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	VOGTLE	Version H=0.7
	Unit 3	Page 31 of 51



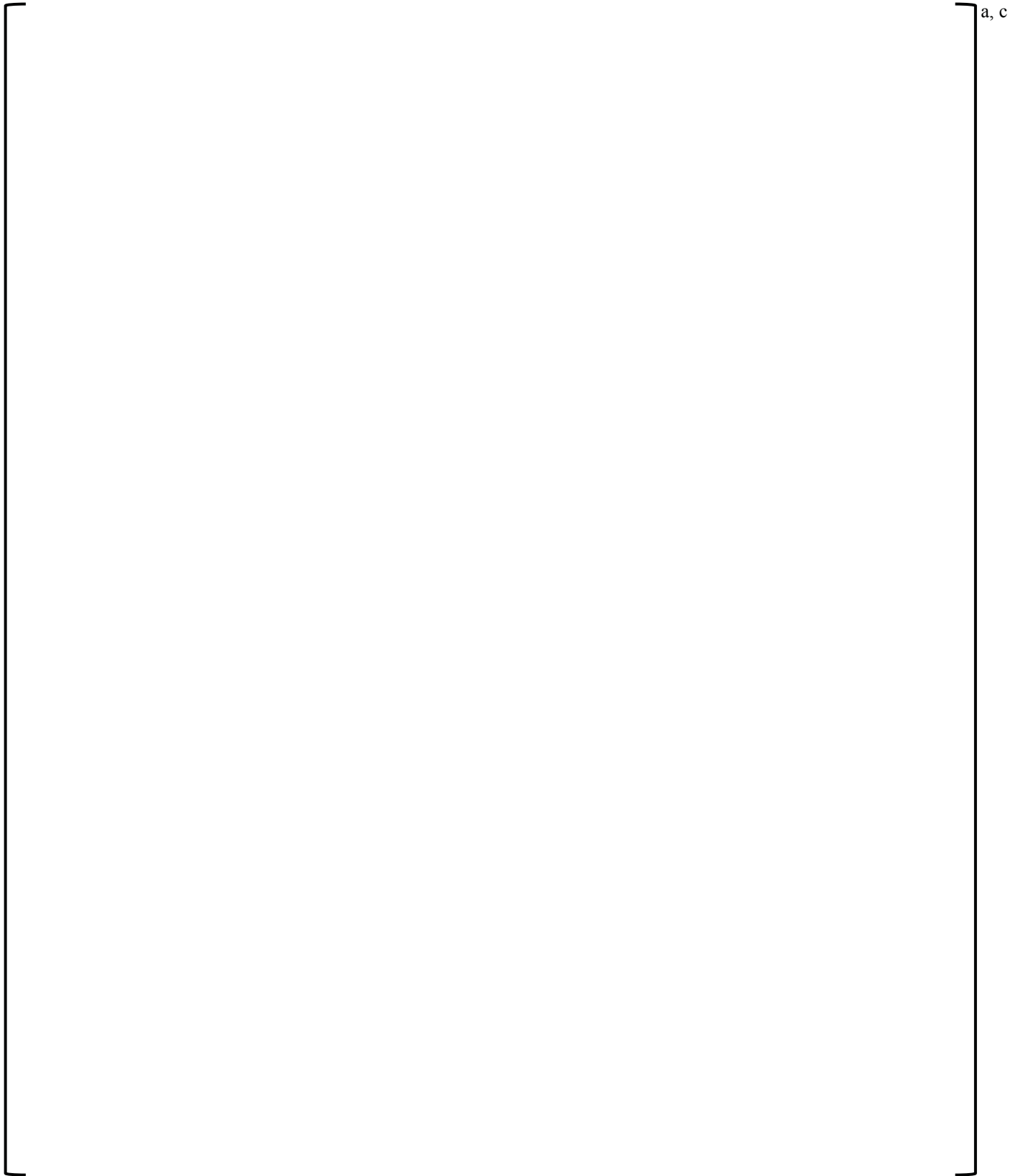
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	VOGTLE	Version H=0.7
	Unit 3	Page 32 of 51



Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 33 of 51

a, c

Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 34 of 51



Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 35 of 51

a, c

Plant Startup Mode 2 to 25% Power	3-GOP-306	
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	Unit 3	Page 36 of 51

a, c

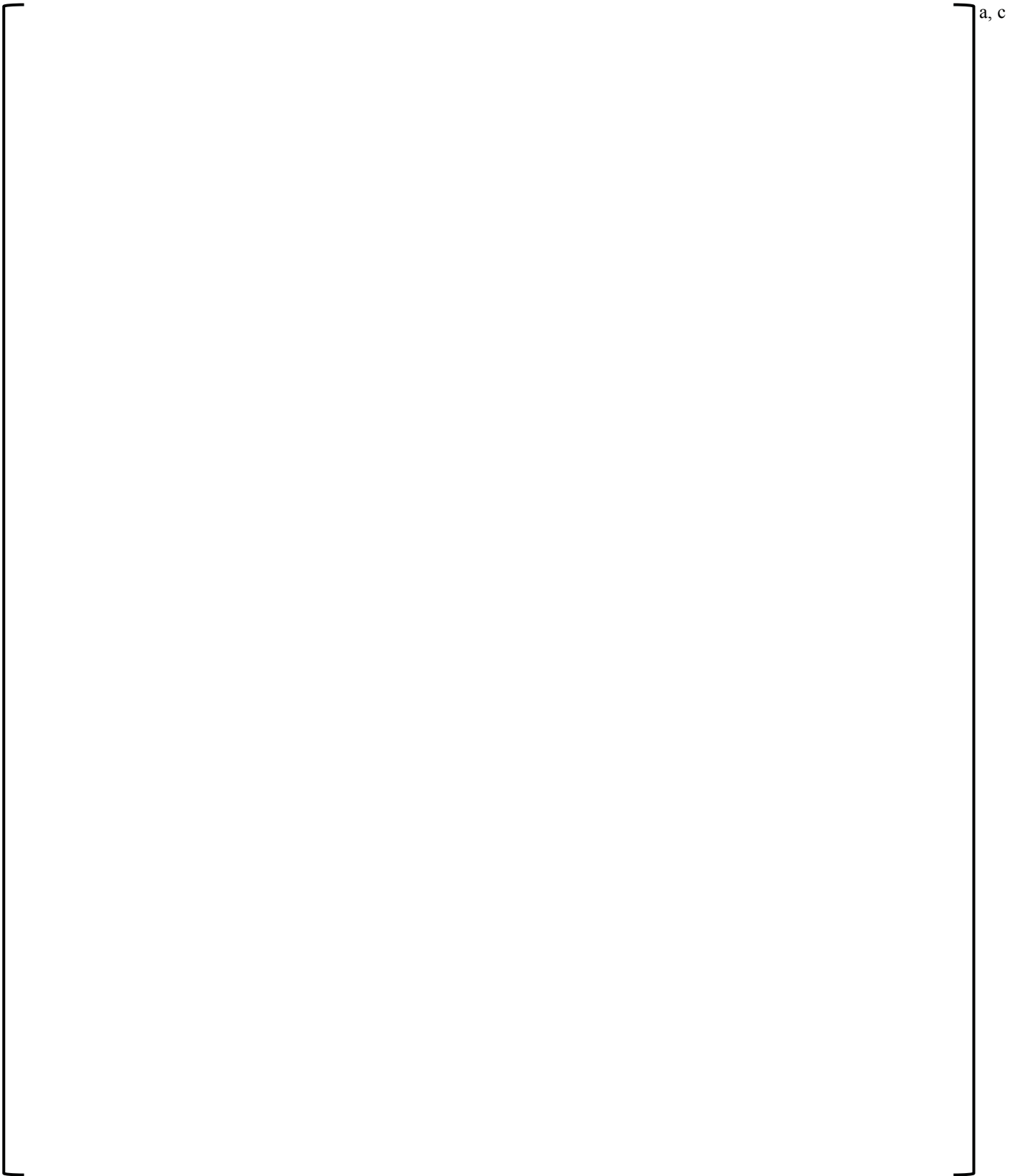
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	Unit 3	Page 37 of 51

a, c

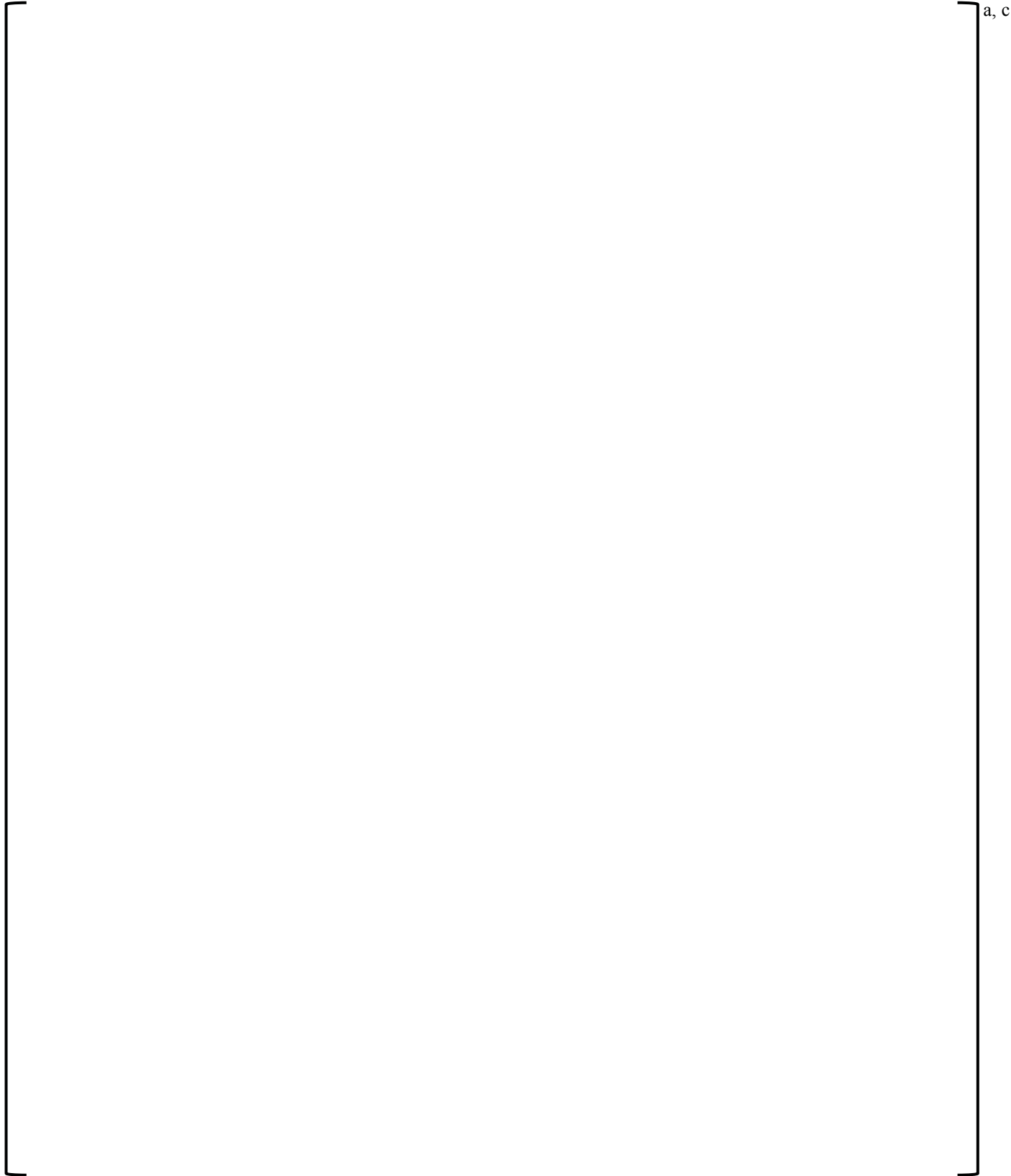
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	Unit 3	Page 38 of 51

a, c

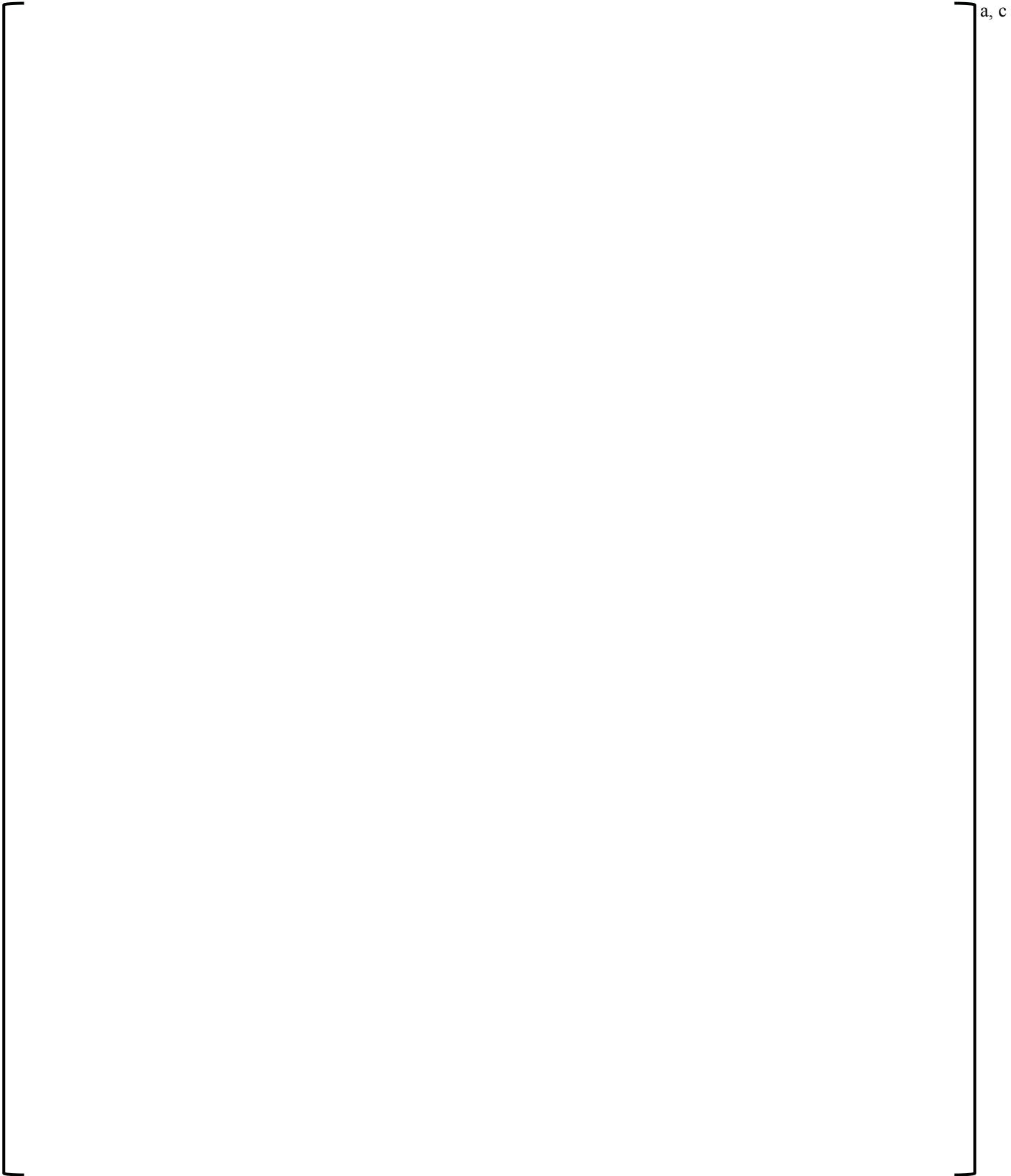
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	Unit 3	Page 39 of 51



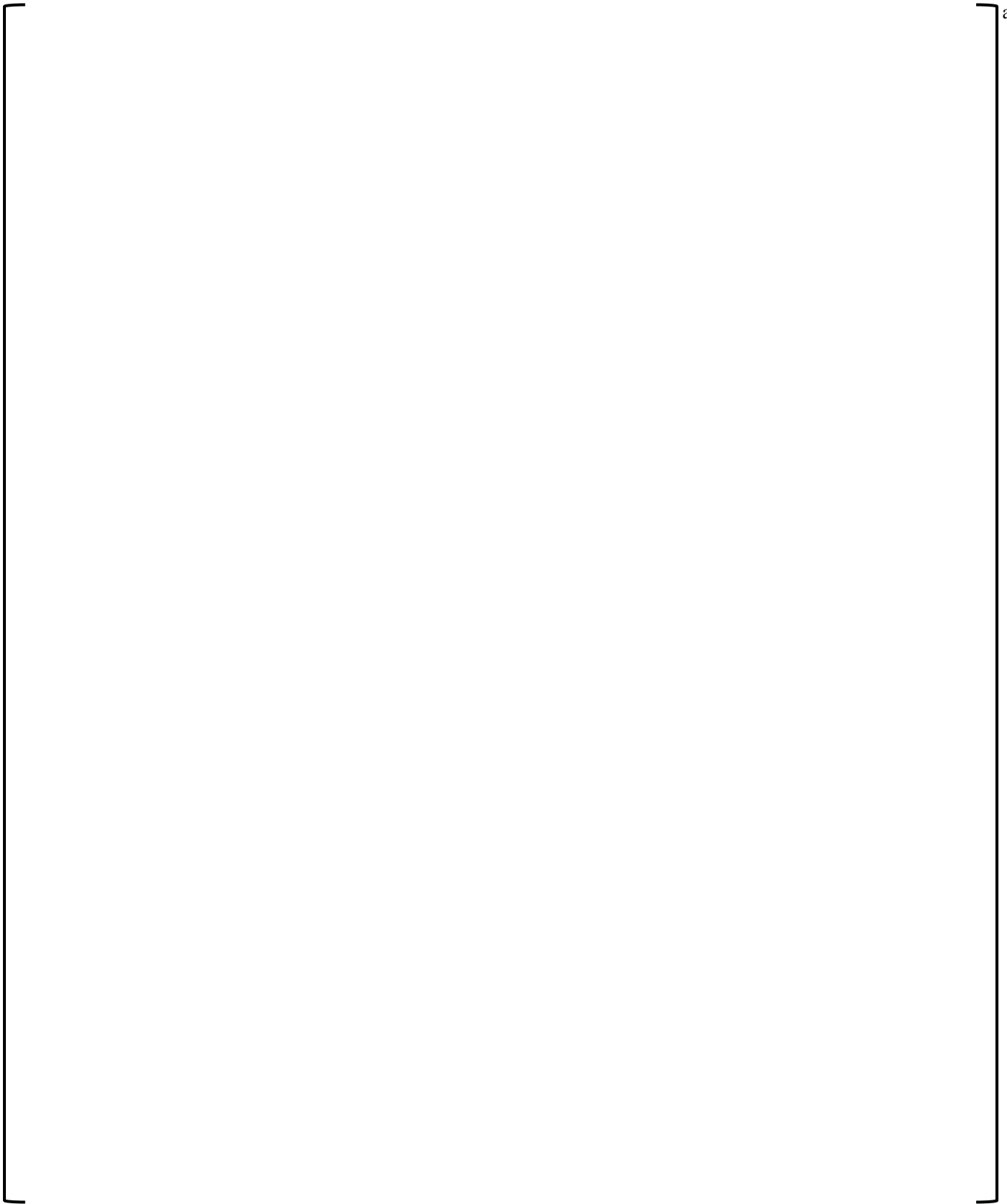
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	Unit 3	Page 40 of 51



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	Unit 3	Page 41 of 51



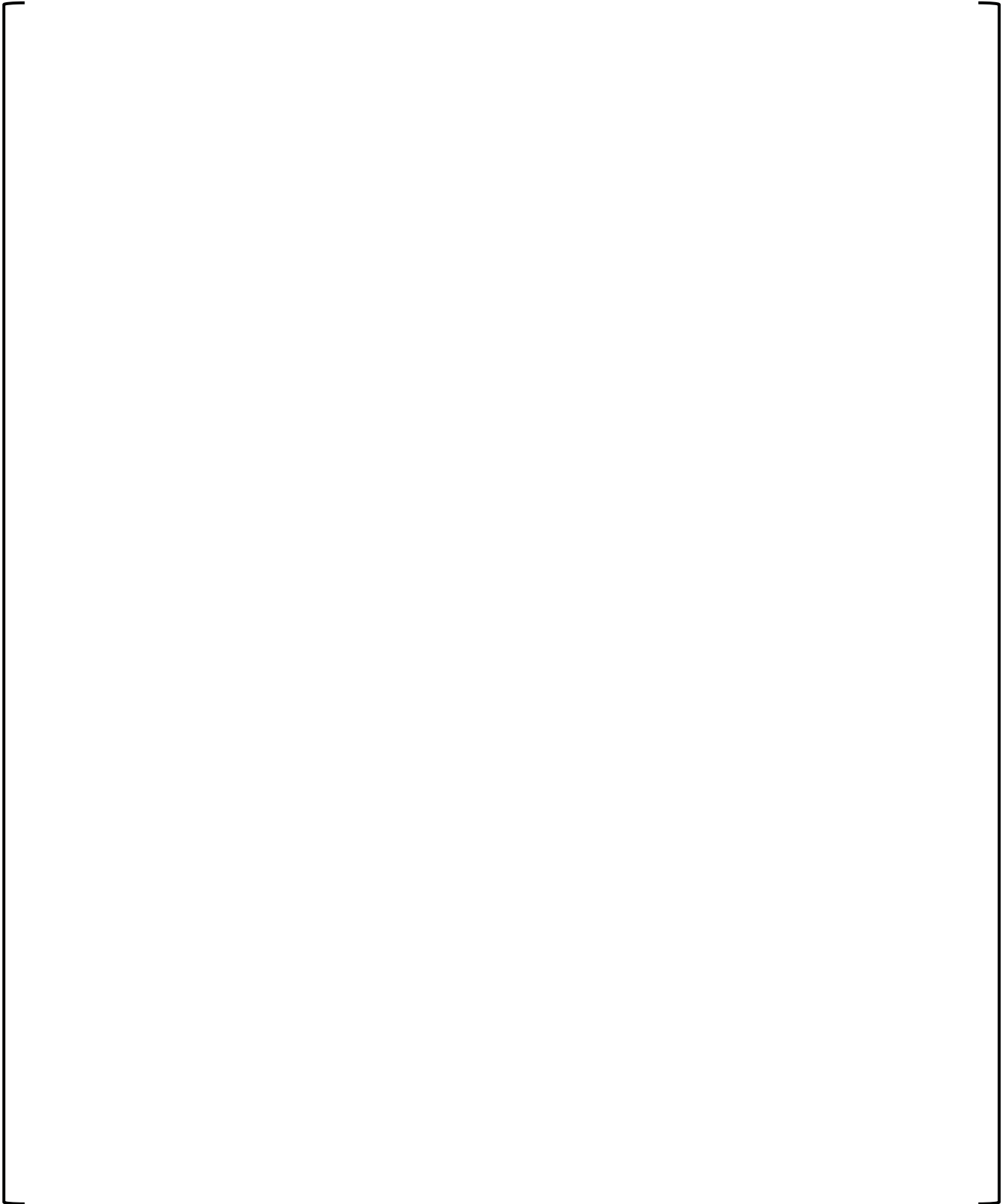
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	Unit 3	Page 42 of 51



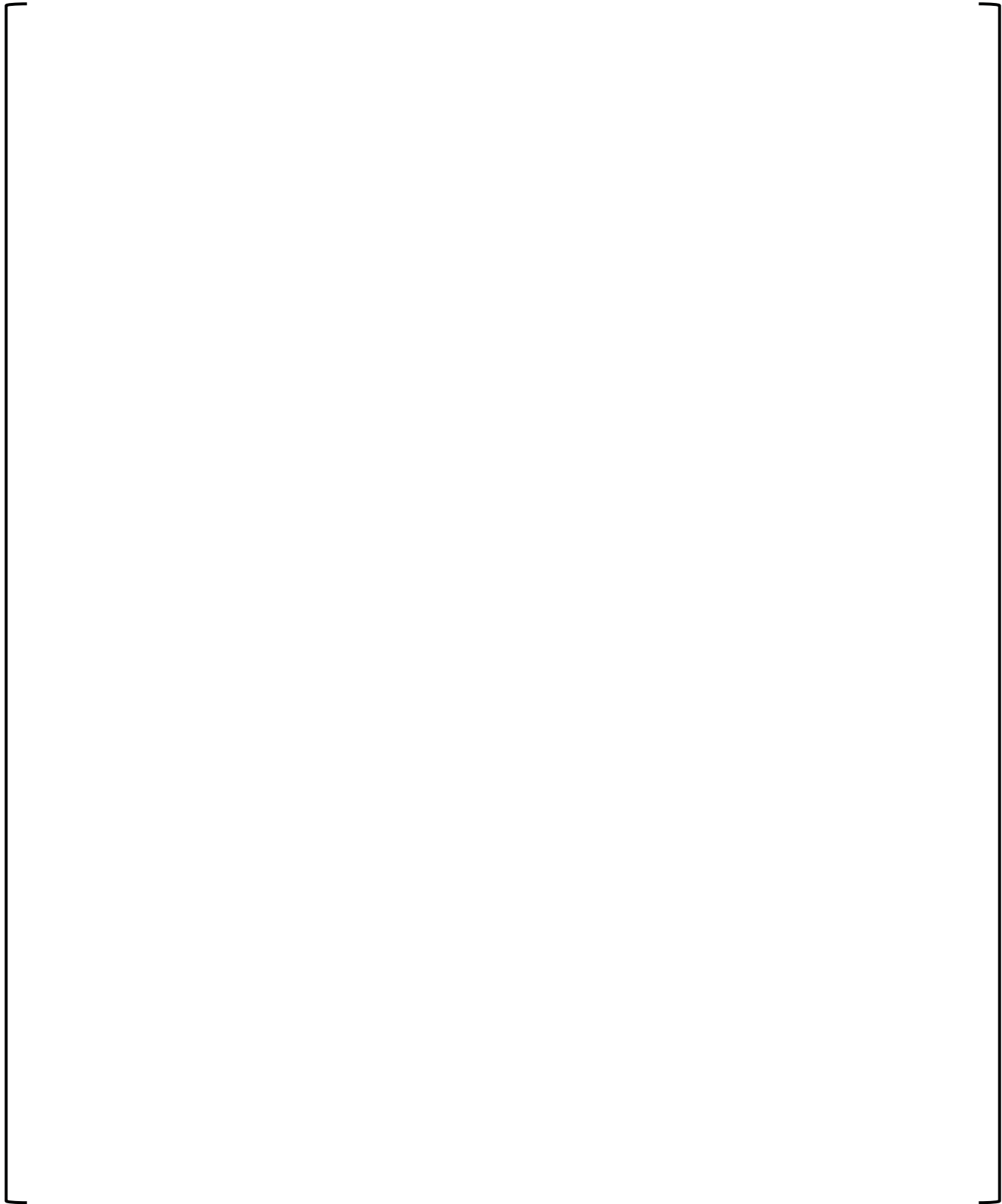
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	Unit 3	Page 43 of 51

a, c

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	VOGTLE	Version H=0.7
	Unit 3	Page 44 of 51



Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 45 of 51



a, c

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	VOGTLE	Version H=0.7
	Unit 3	Page 46 of 51

a, c

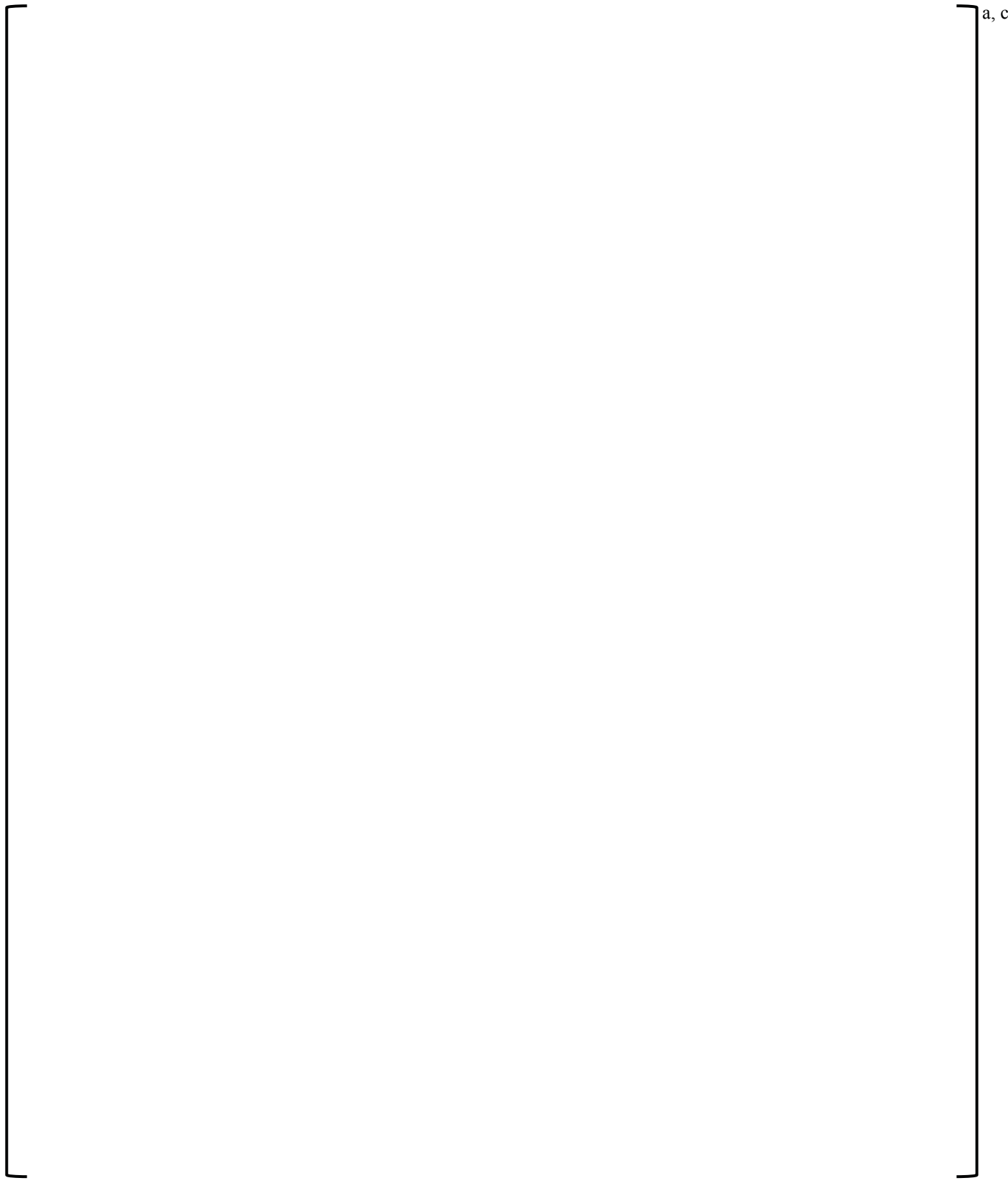
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	Unit 3	Page 47 of 51

a, c

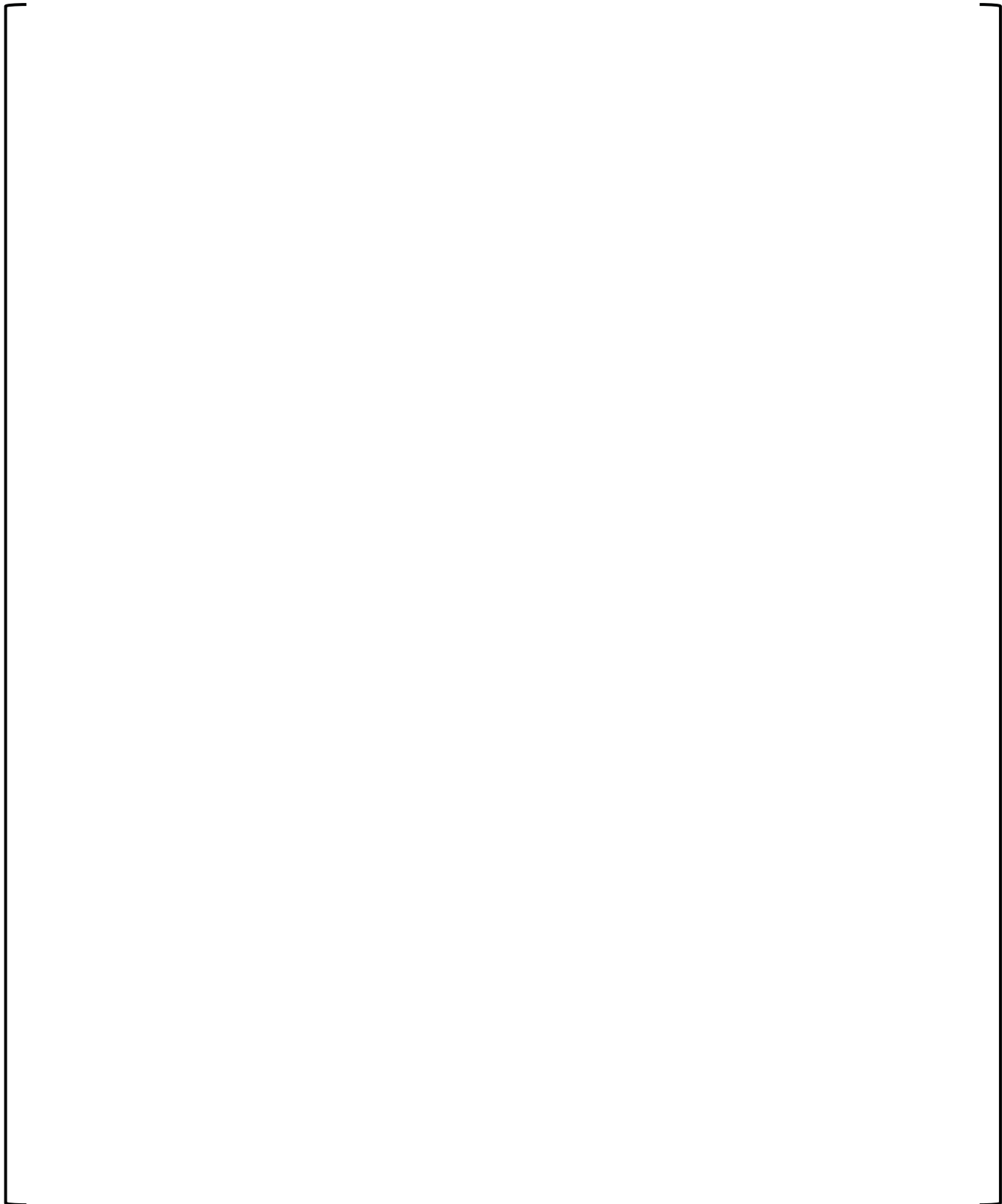
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	VOGTLE	Version H=0.7
	Unit 3	Page 48 of 51

a, c

Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 49 of 51



Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 50 of 51



a, c

Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 51 of 51

ATTACHMENT 1
Page 1 of 1

TASK SHEET

ALL PERSONNEL INVOLVED IN PERFORMING PROCEDURE (Print/Sign Name)	INITIAL

Comments:

(Mark the following N/A if not applicable)

REVIEWED BY: _____ DATE: _____
(Print/Sign)

Appendix D

Scenario Outline

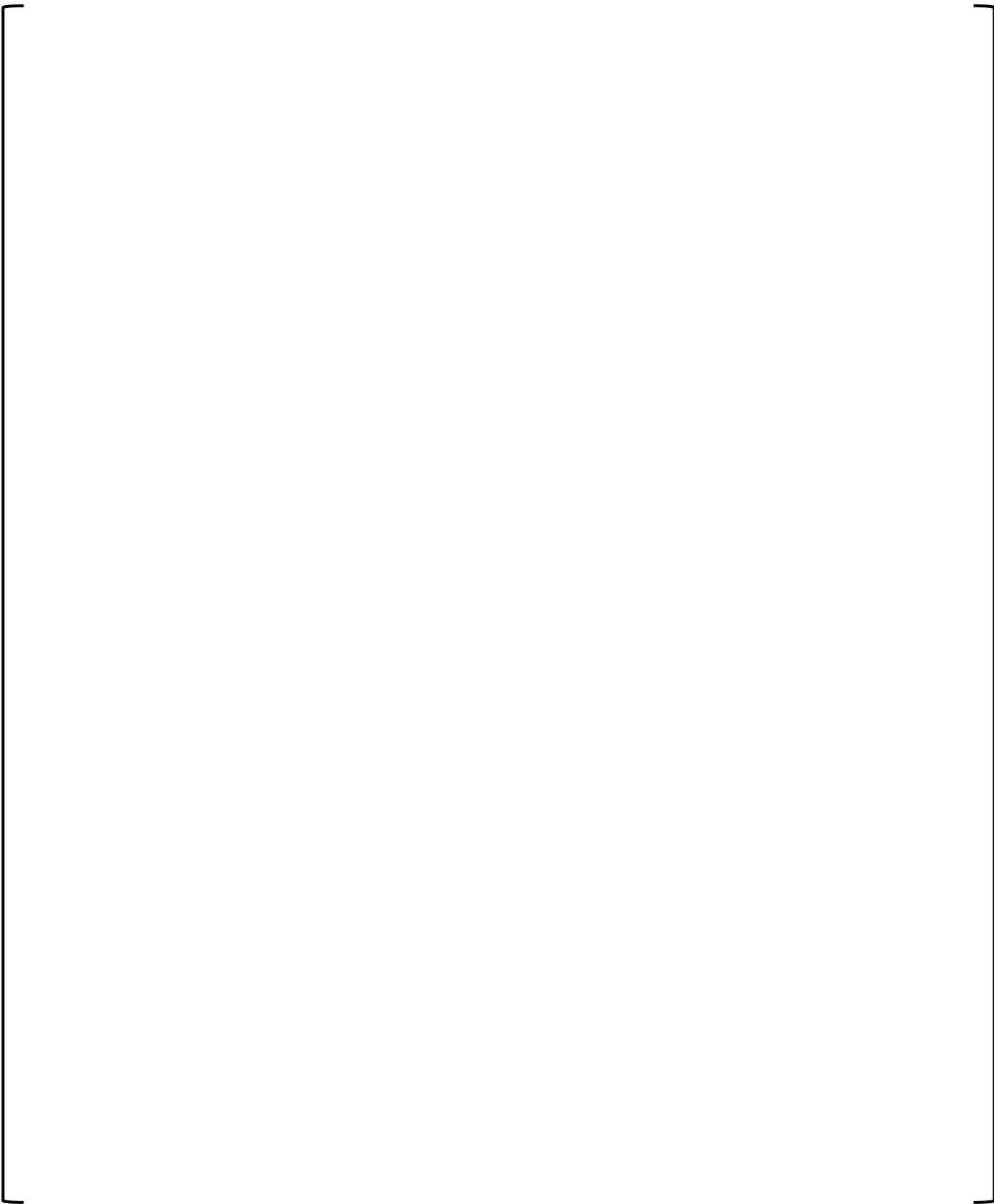
Form ES-D-1

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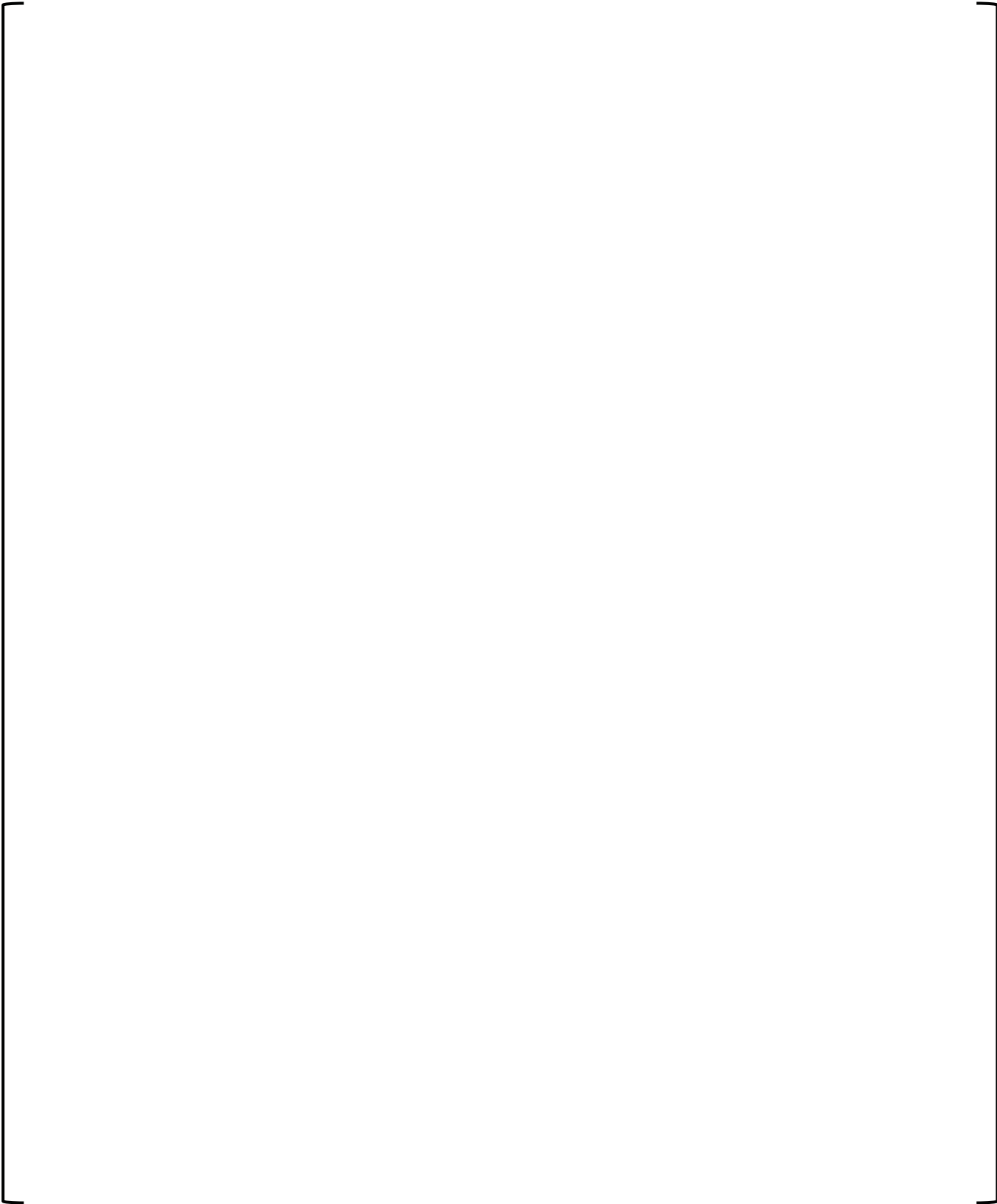
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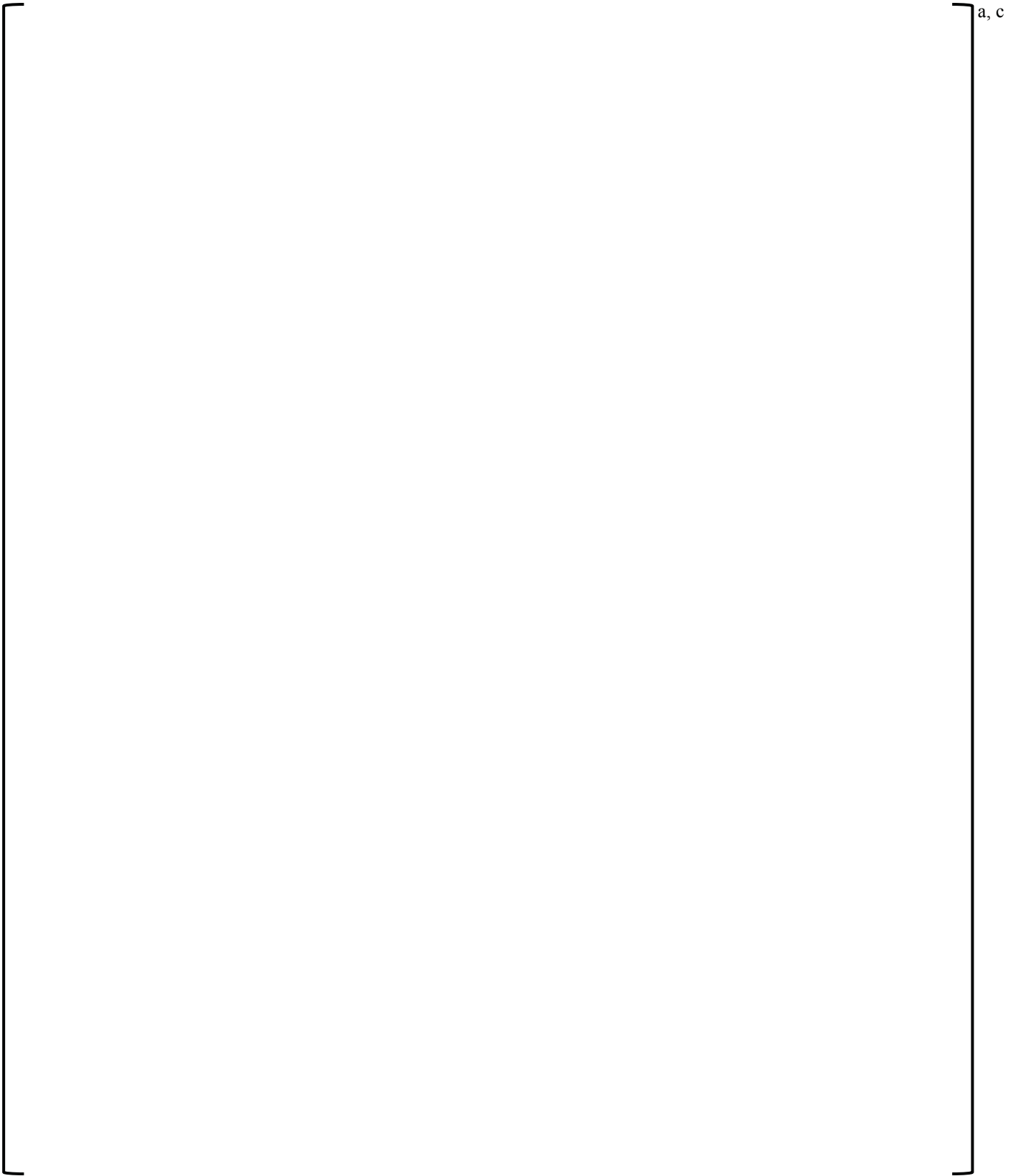
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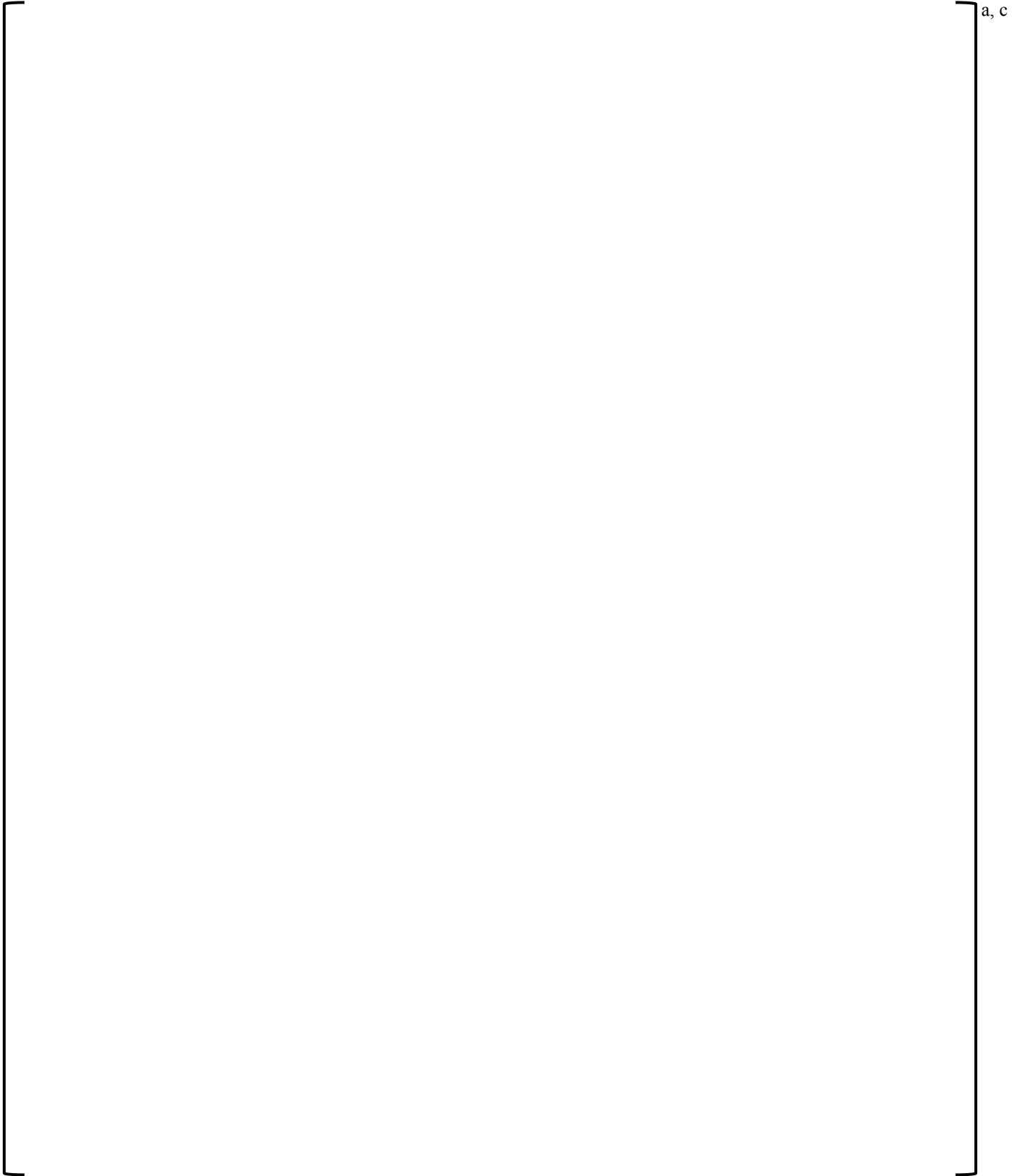
a, c



a, c



SIMULATOR BOOTH INSTRUCTIONS

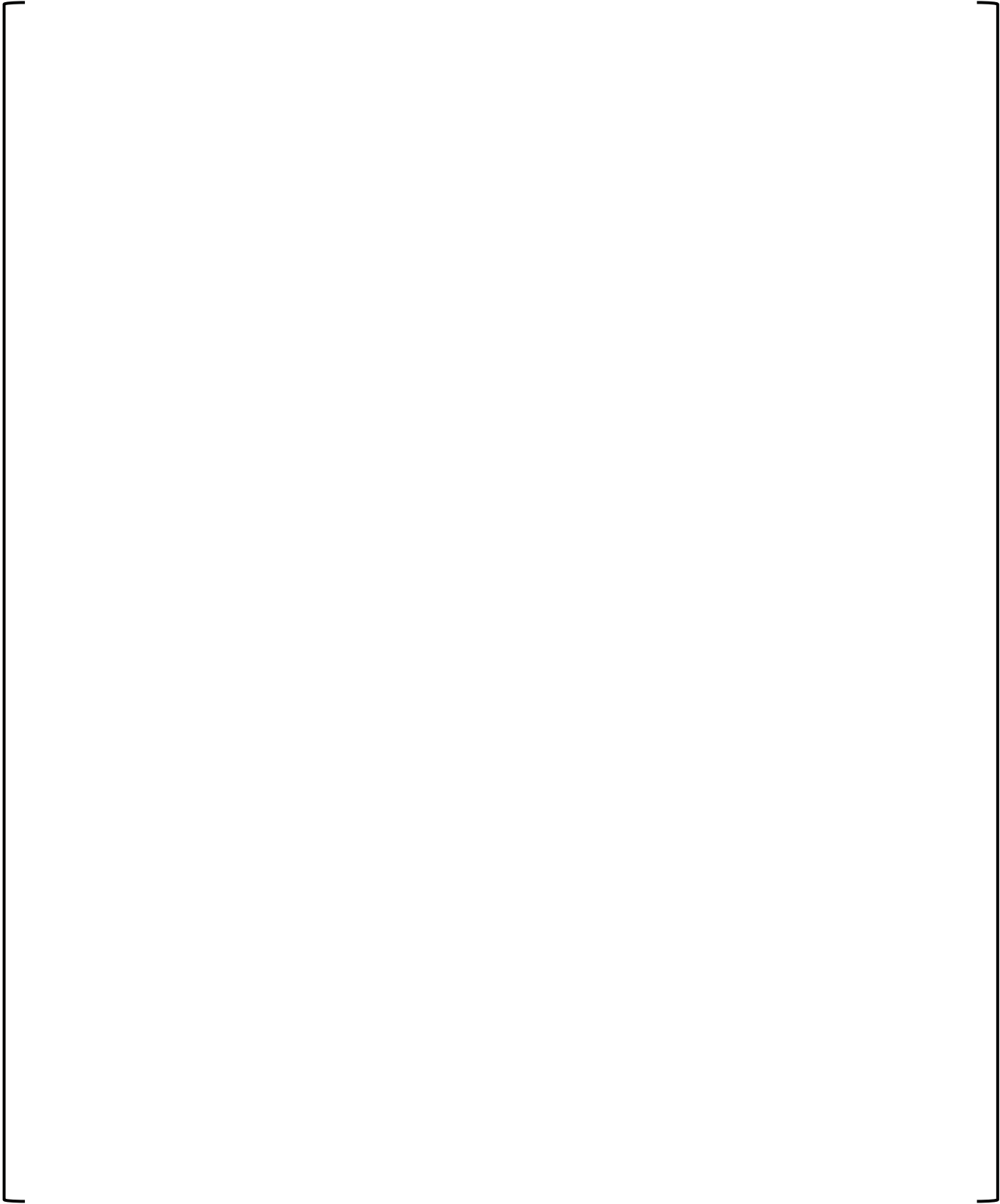


COMMUNICATIONS SHEET		
Note: Unless stated below, acknowledge the requests made to the booth operator verbatim.		
EVENT	TIME	COMMUNICATION(S)
1	When requested	As Chemistry , acknowledges report of entering MODE 1. A return call is unnecessary.
2	When requested	As Work Control, Maintenance or I&C acknowledges request to investigate failed temperature instrument, initiate repair, Condition report, etc. A return call is unnecessary.
3	When requested	As Work Control, Maintenance or I&C , acknowledges request to investigate failed SFCV (SGS-V255B), initiate repair, Condition report, etc. A return call is unnecessary.
4	None	
5	When requested	As Work Control, Maintenance or I&C , acknowledges request to investigate CAS-V014, initiate repair, Condition report, etc. A return call is unnecessary.
5	When requested	As Work Control, Maintenance or I&C , acknowledges request to investigate for air leaks. A return call is unnecessary.
5	When requested	As Work Control or Maintenance , acknowledges request to obtain a temporary air compressor. A return call is unnecessary.
5	When requested	As Work Control or Maintenance , acknowledges request to check CAS-V017 closed. A return call is unnecessary. <i>5 minutes after requested, inform MCR that "CAS-V017 is closed."</i>
6	When requested	As Work Control, Maintenance or I&C , acknowledges request to investigate failed PZR Master Controller failure, initiate repair, Condition report, etc. A return call is unnecessary.
7	none	
8	When requested	As Work Control , repeat back verbatim any directions given to locally open RTBs. <i>5 minutes after requested, inset Man. Trg. 18, then report that RTBs have been locally opened.</i>
9	none	

EVENT SUMMARY

a, c

Critical Task

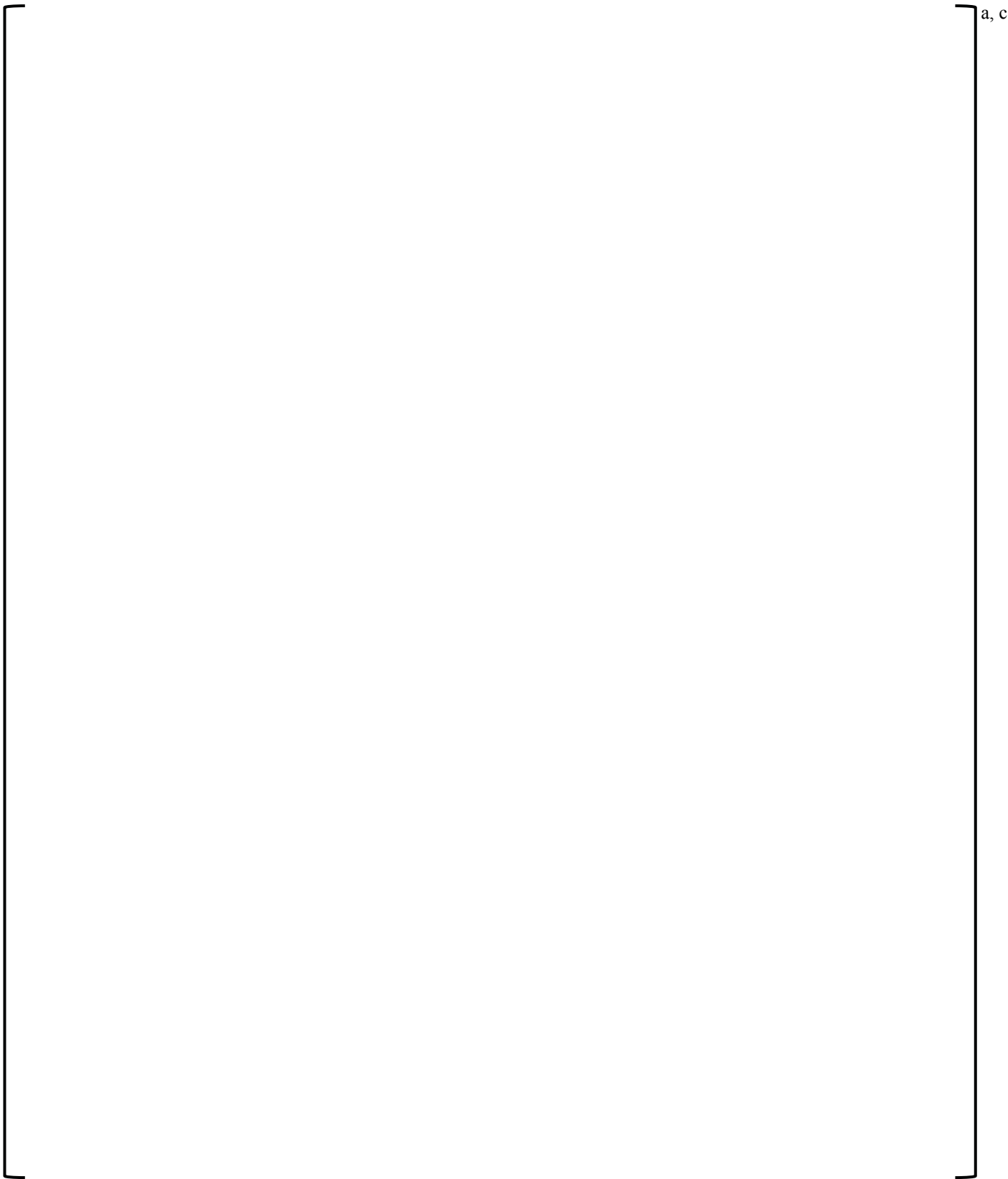


a, c

Critical Task

a, c

EOP based Critical Task

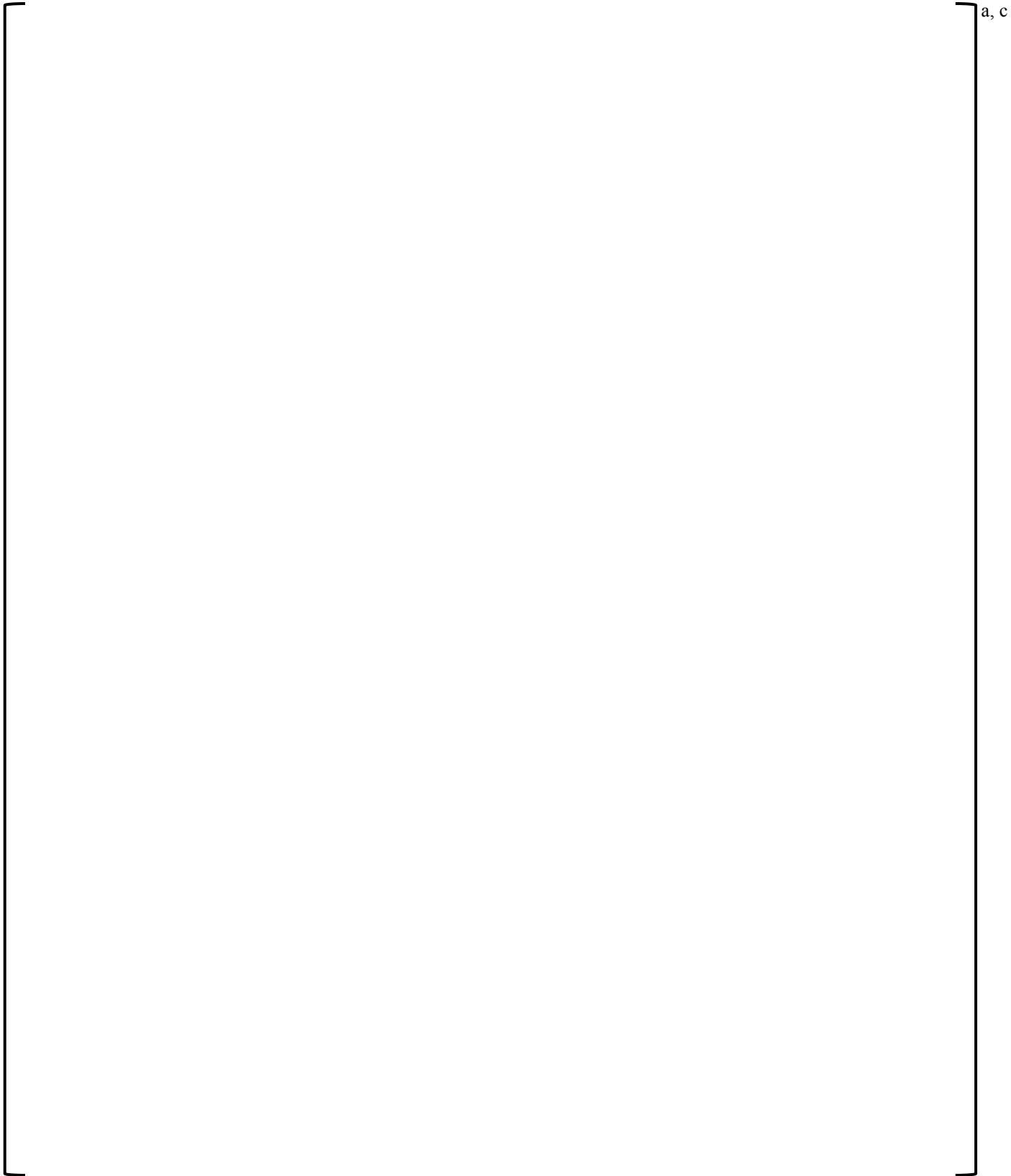


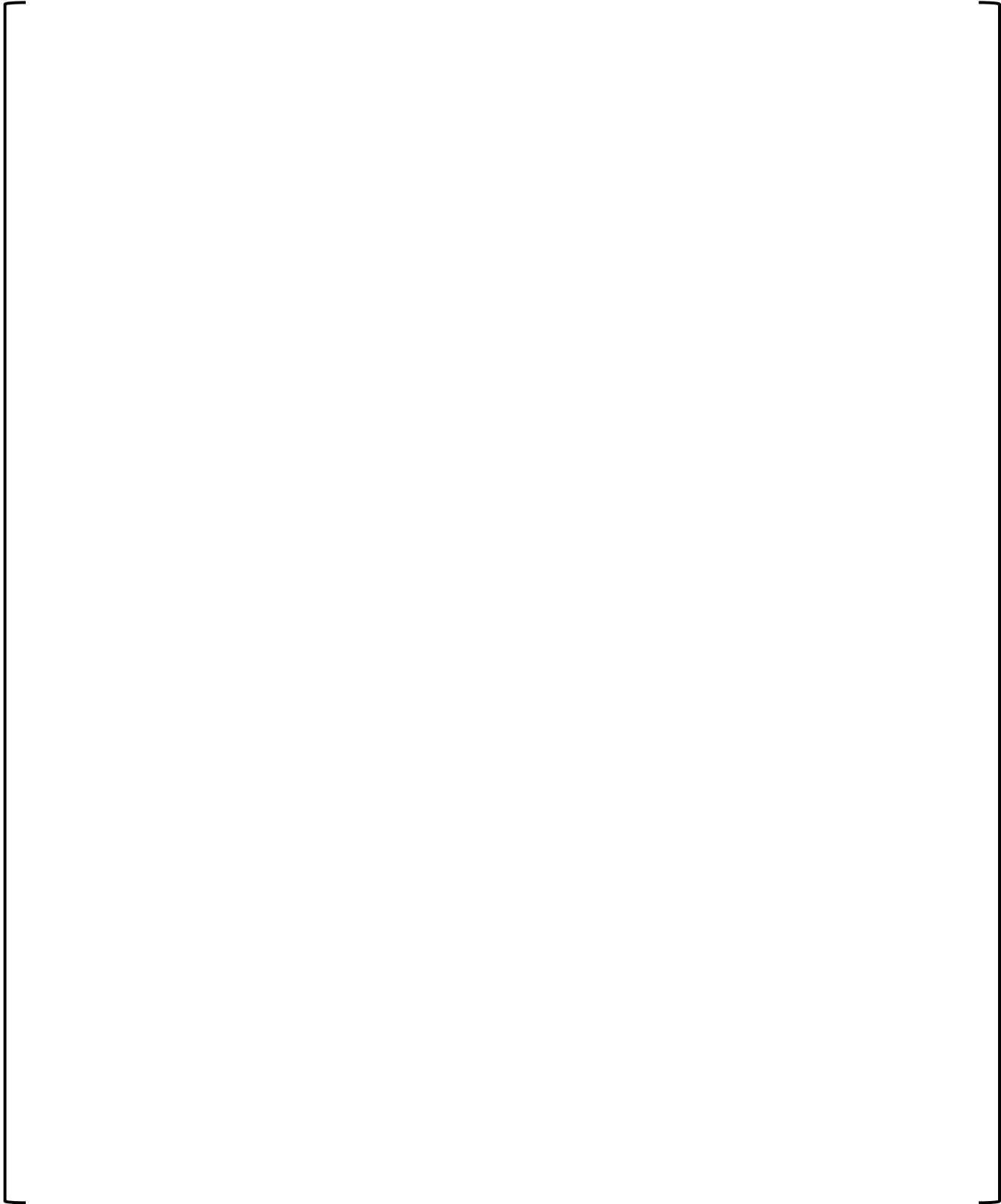
SCENARIO REVIEW CHECKLIST

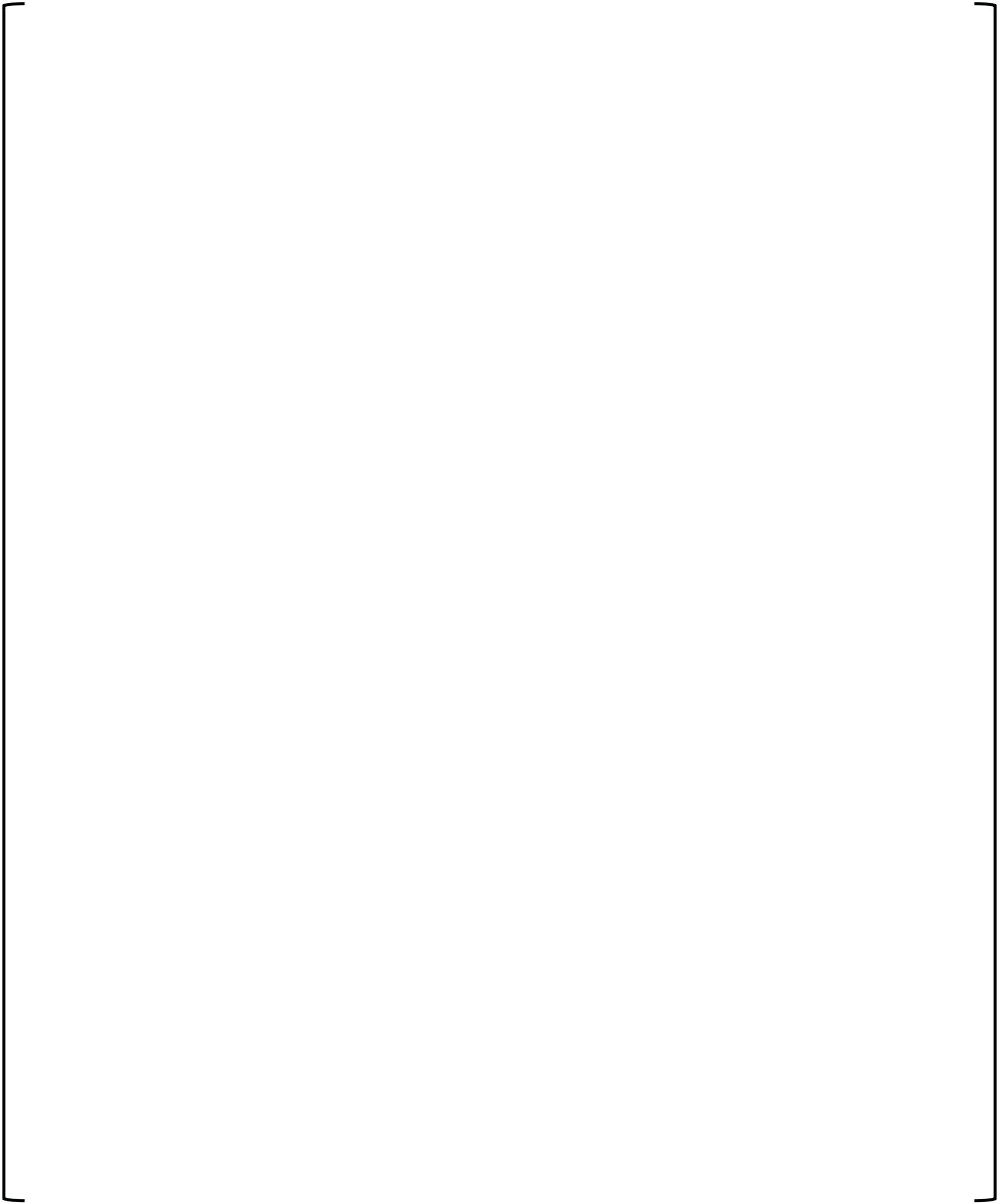
SCENARIO NUMBER: 4

VALIDATION TIME: 87 minutes (1st validation) / 114 minutes (2nd validation)

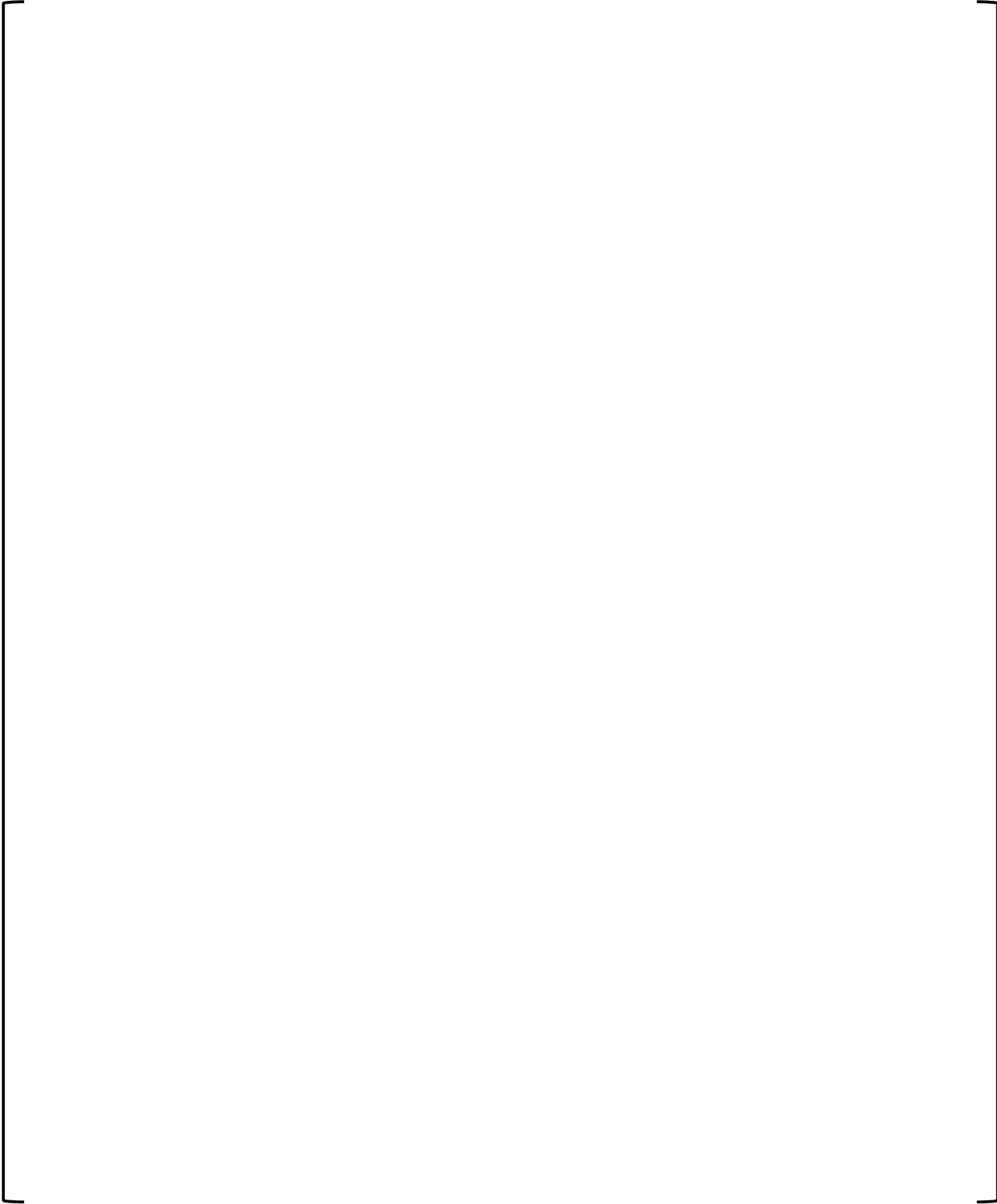
Target Quantitative Attributes (Per Scenario; See Section D.5.d) (Bottom of ES-301-4)		Actual Attributes			
1. Malfunctions after EOP entry (1-2)		3 (Events 8, 9, & 10)			
2. Abnormal events (2-4)		3 (Events 3, 5, & 6)			
3. Major transients (1-2)		1 (Event 7)			
4. EOPs entered/requiring substantive actions (1-2)		1 (E-0)			
5. EOP contingencies requiring substantive actions (0-2)		1 (FR-S.1)			
6. EOP based Critical tasks (2-3)		1 (Event 8)			
7. Total number of Critical Tasks (2 - 6)		3 (Events 3, 5, & 8)			
(ES-301-5)					
	R	N	I/C	M	TS
SRO	1	2	6	1	2
OATC	1	1	3	1	0
UO	0	1	3	1	0



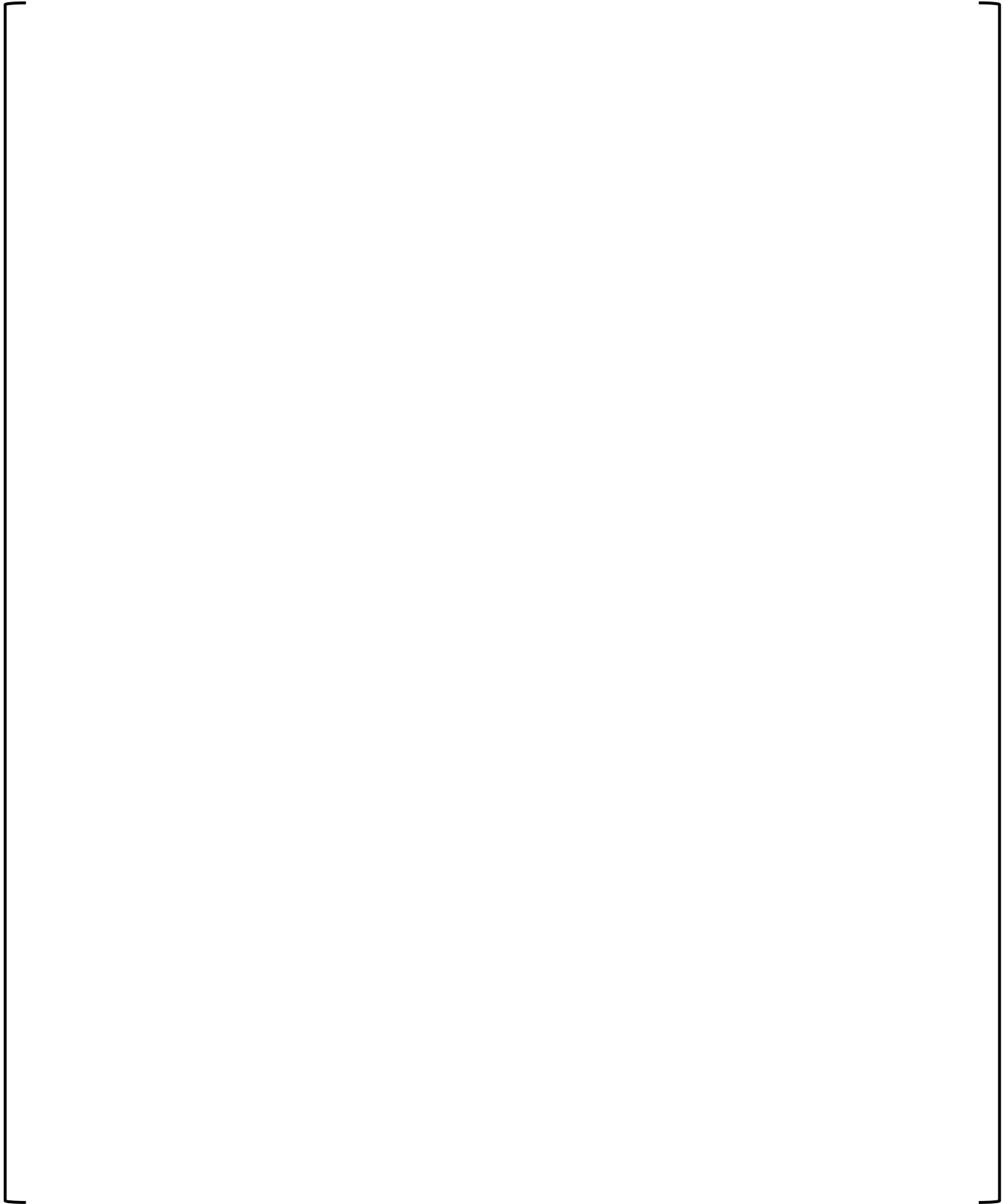




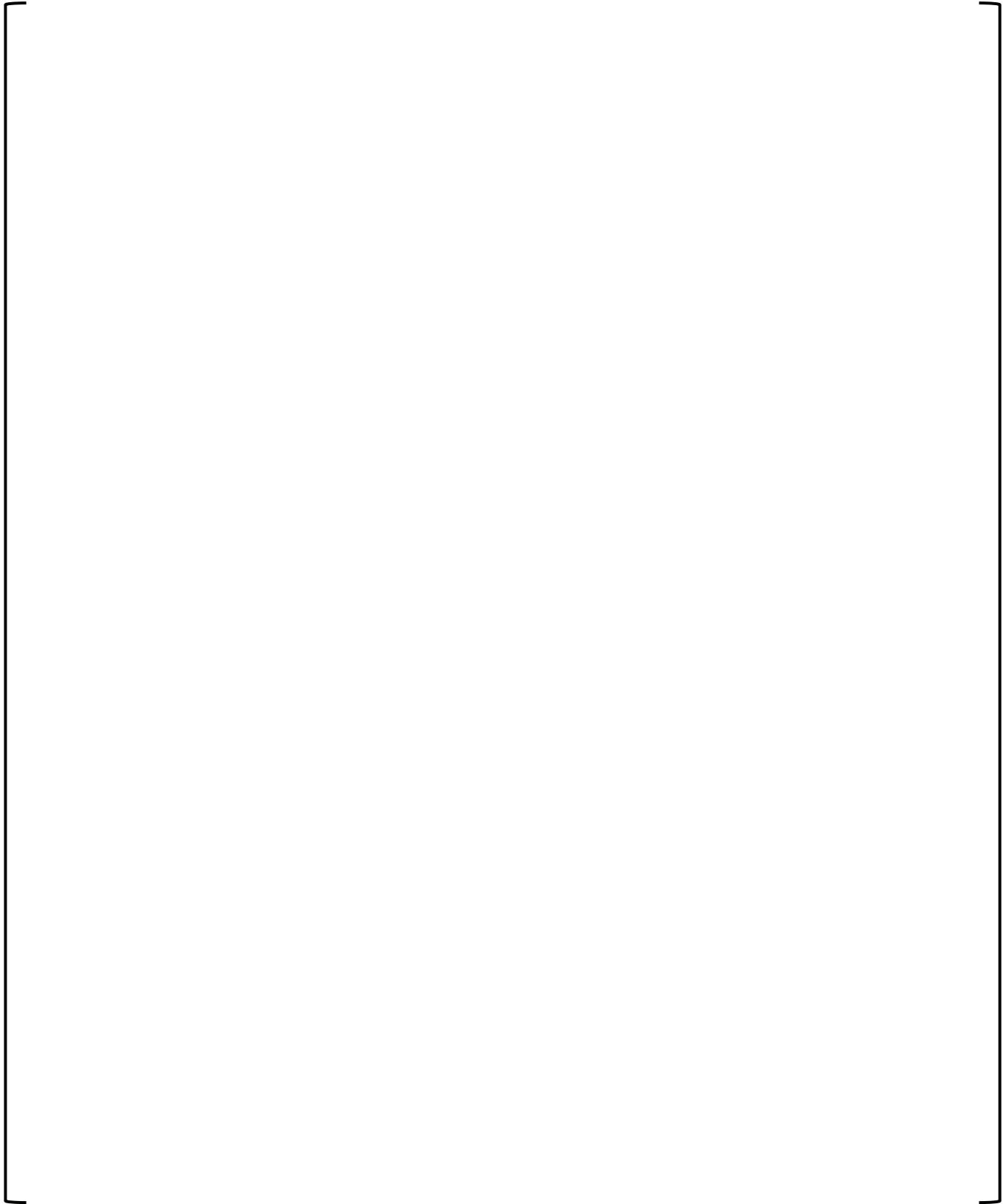
a, c



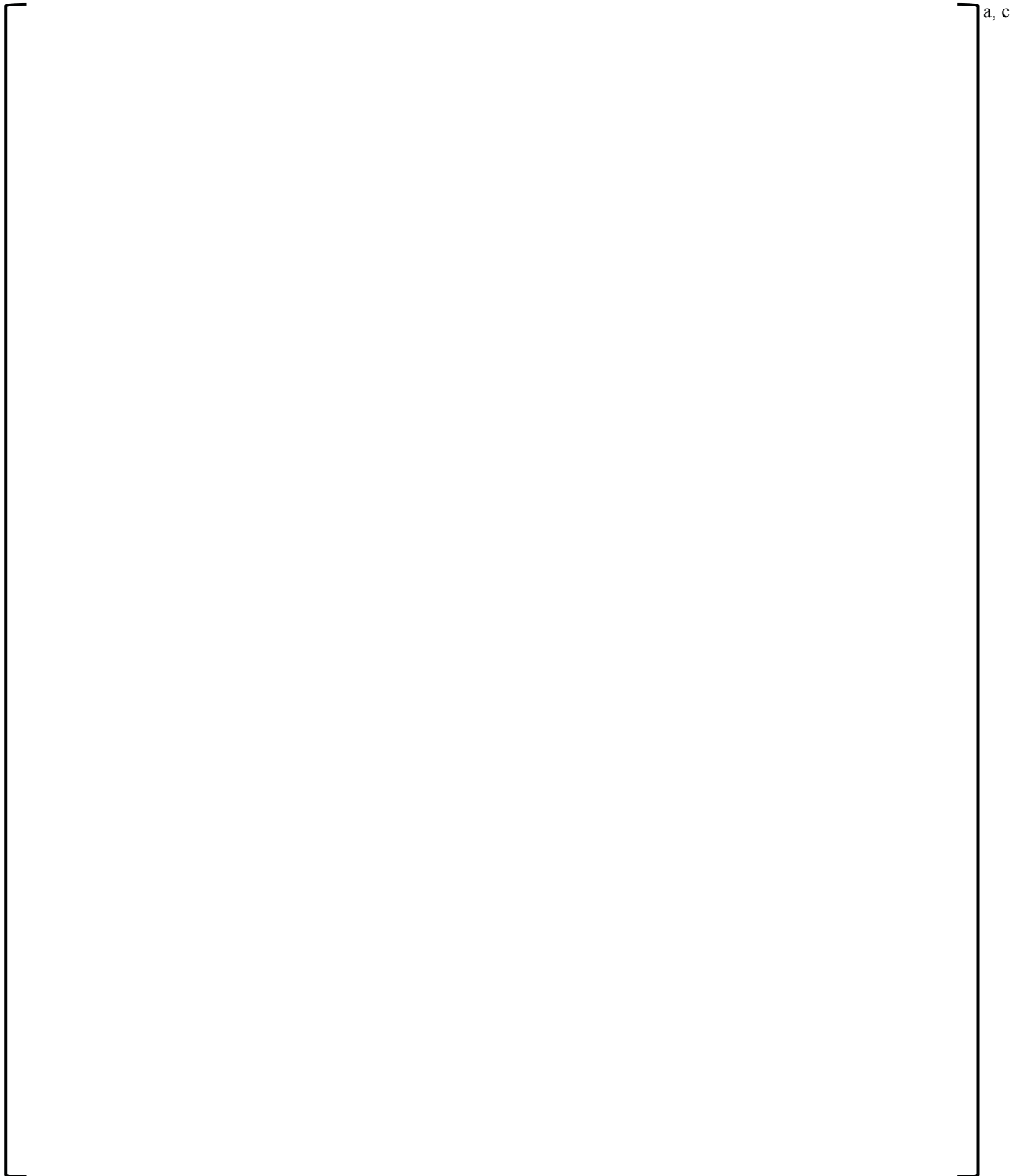
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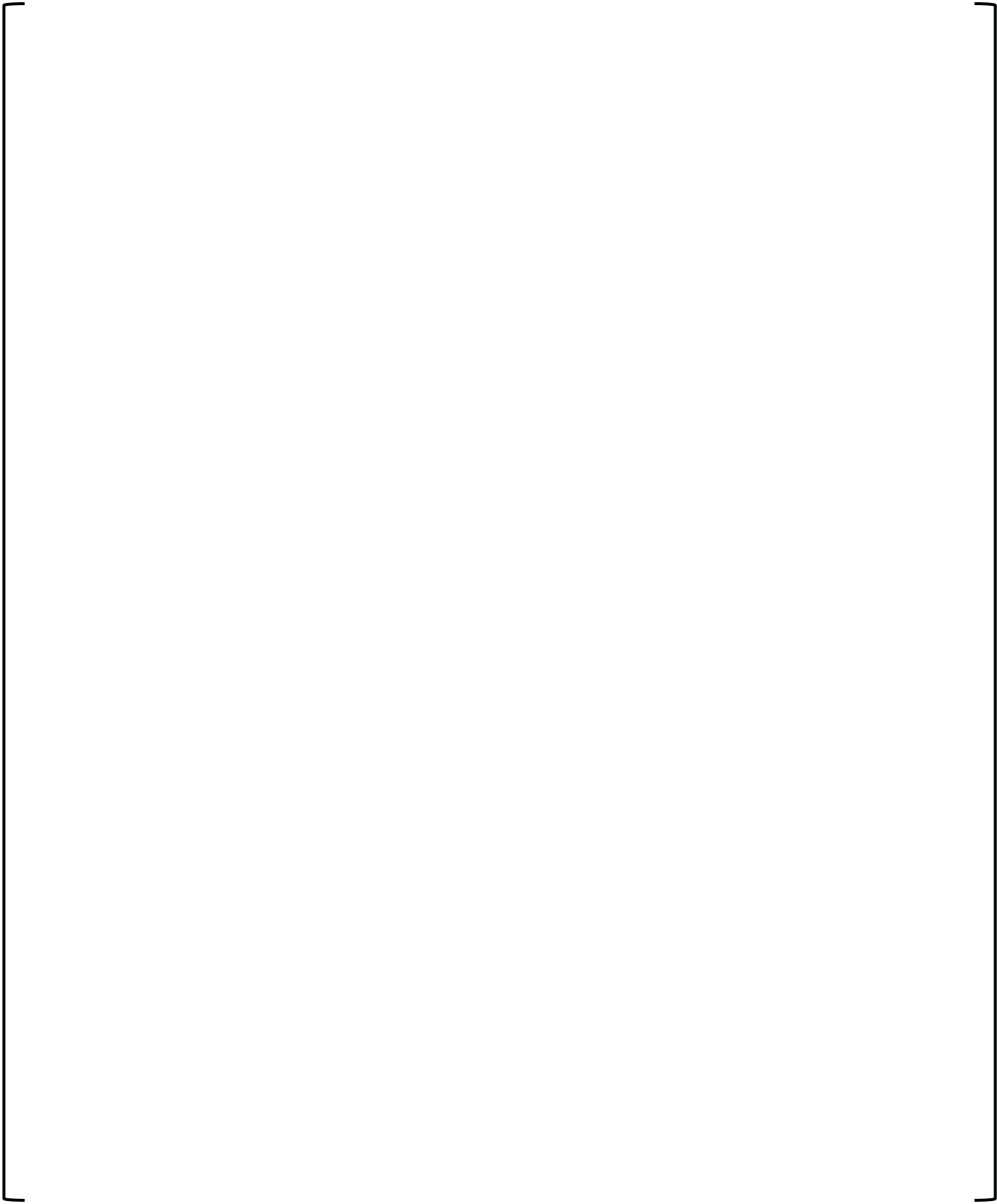


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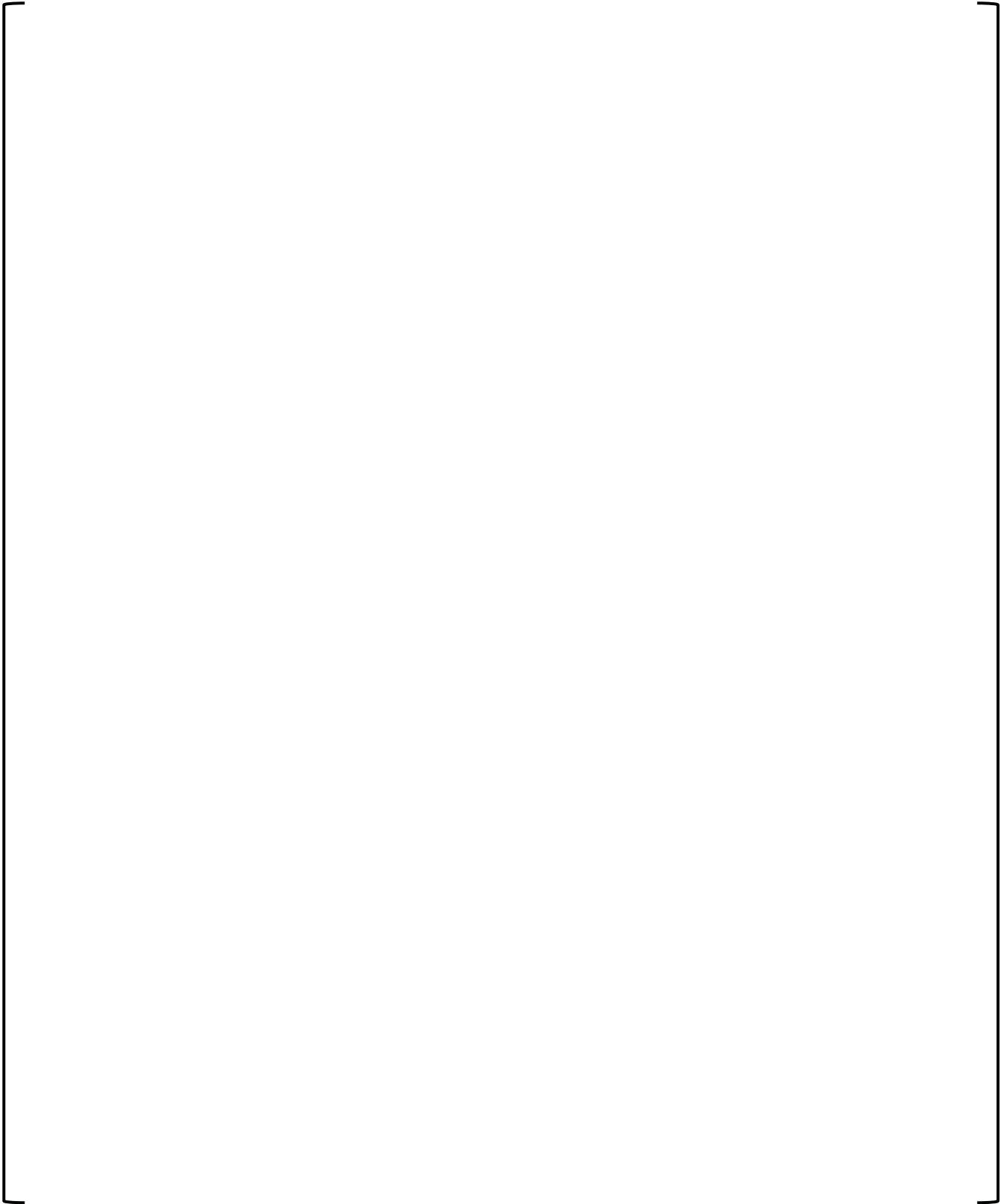


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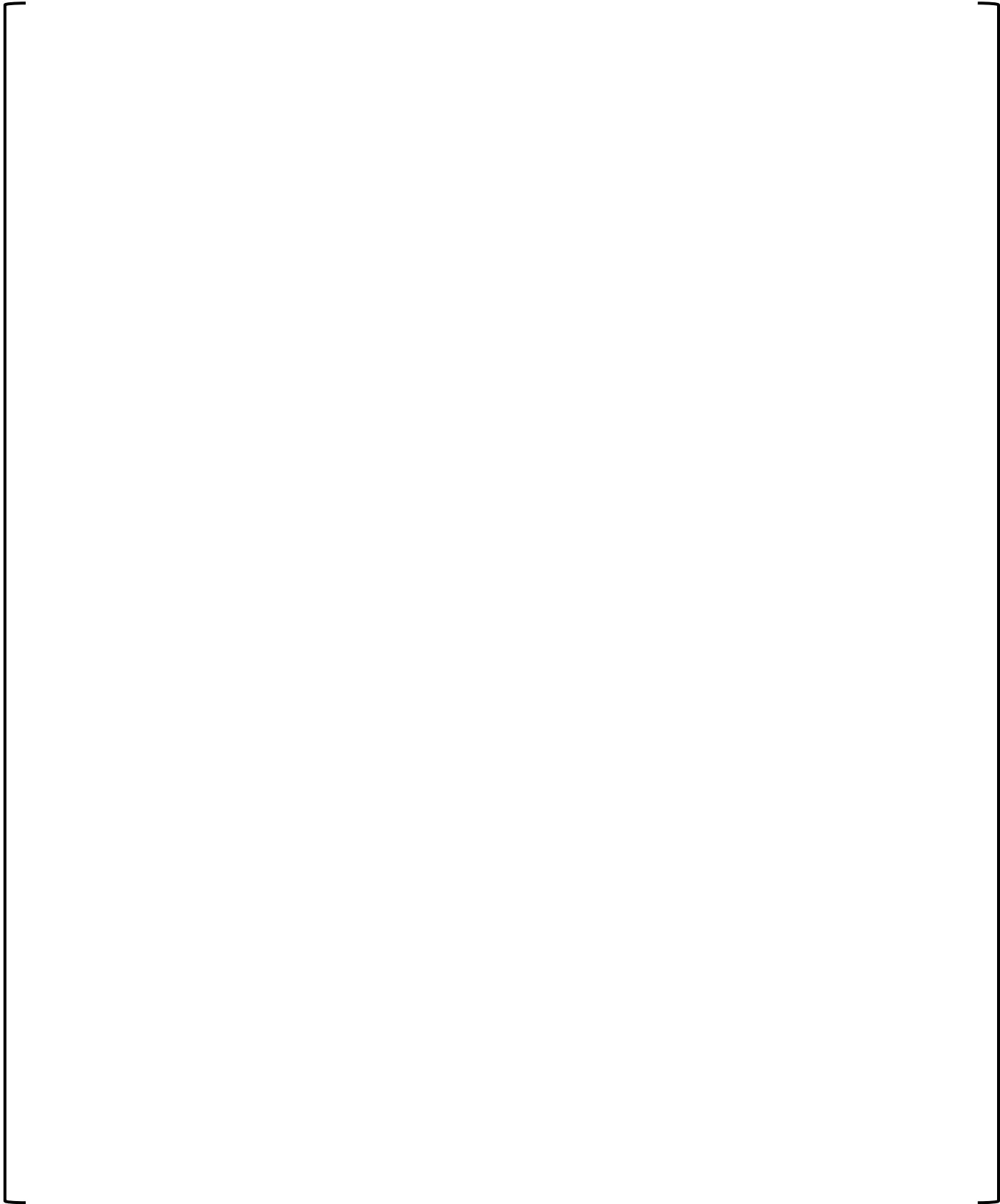
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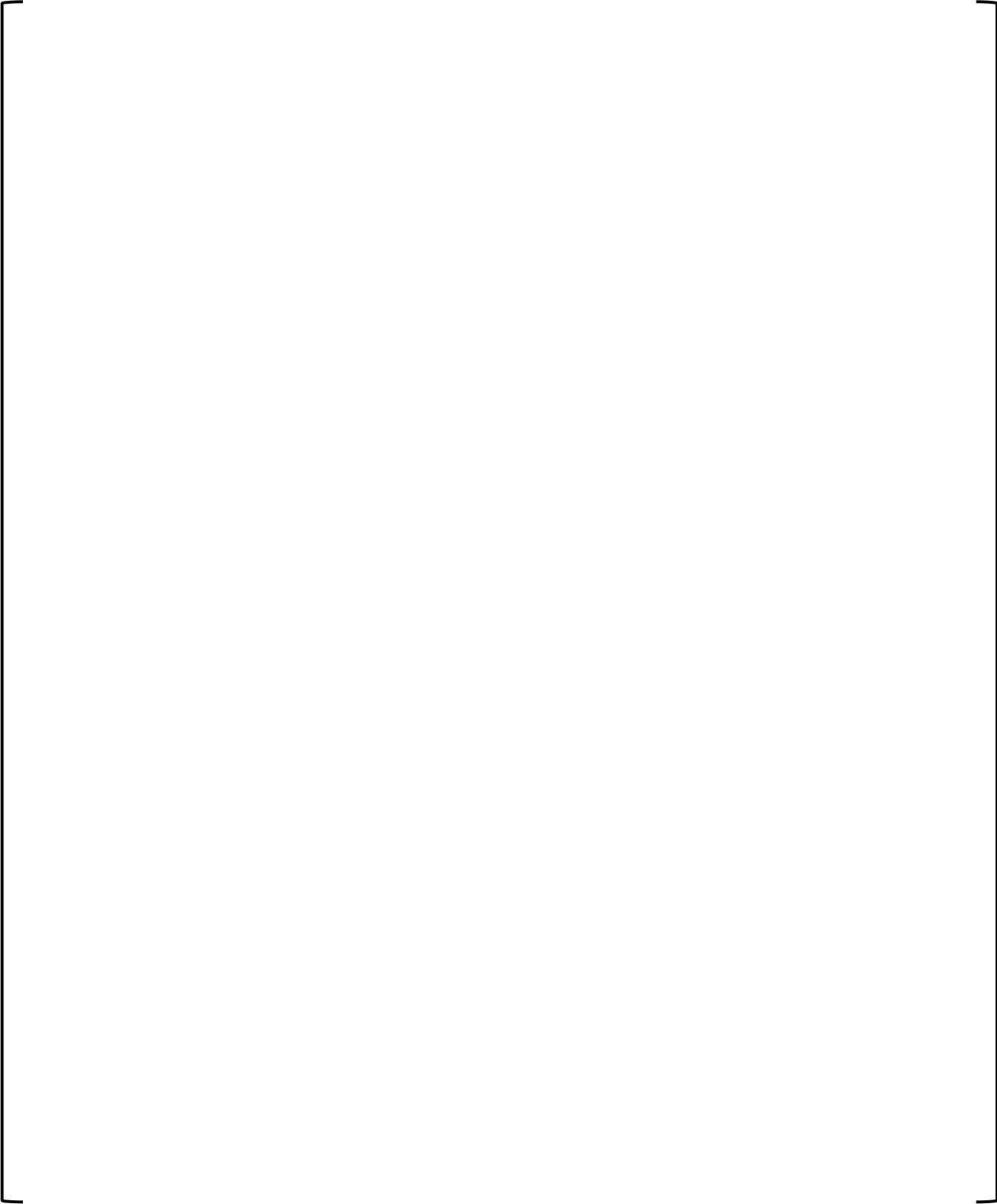
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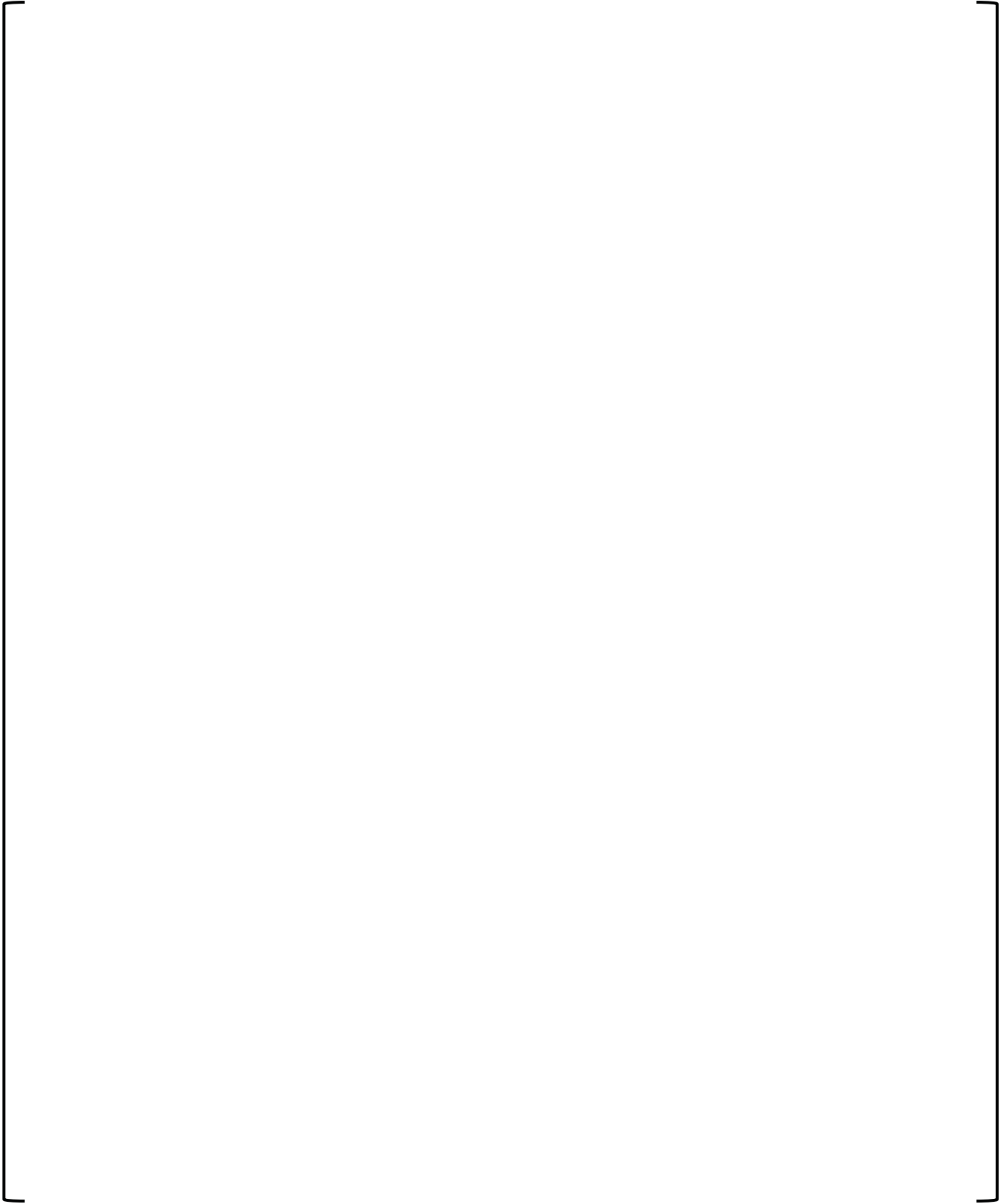
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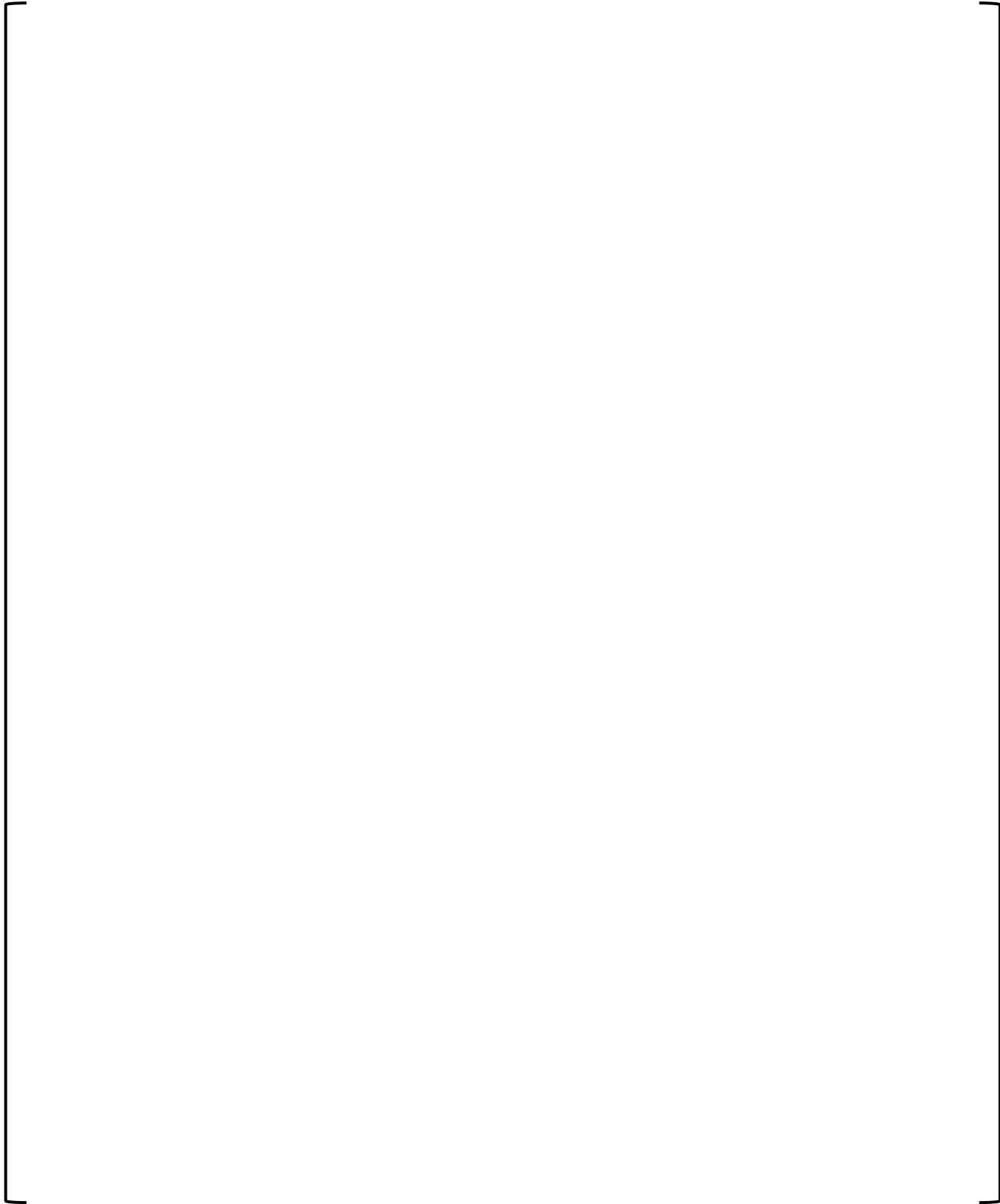
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Appendix D

Required Operator Actions

Form ES-D-2

[Empty table area]

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Appendix D

Required Operator Actions

Form ES-D-2

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Appendix D

Required Operator Actions

Form ES-D-2

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Appendix D

Required Operator Actions

Form ES-D-2

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Appendix D

Required Operator Actions

Form ES-D-2

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Appendix D

Required Operator Actions

Form ES-D-2

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Appendix D

Required Operator Actions

Form ES-D-2

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Appendix D

Required Operator Actions

Form ES-D-2

[] a, c

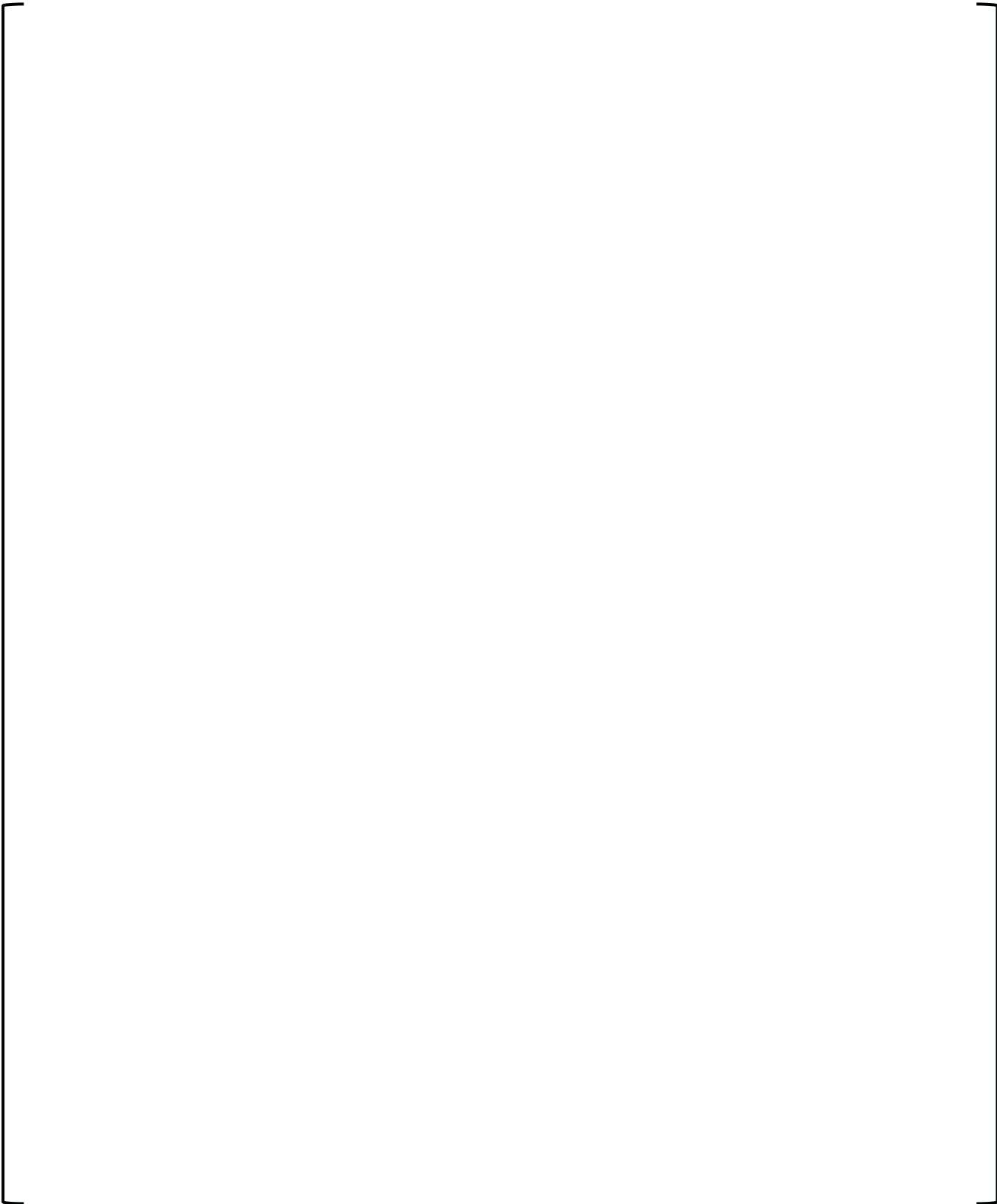
Appendix D

Required Operator Actions

Form ES-D-2

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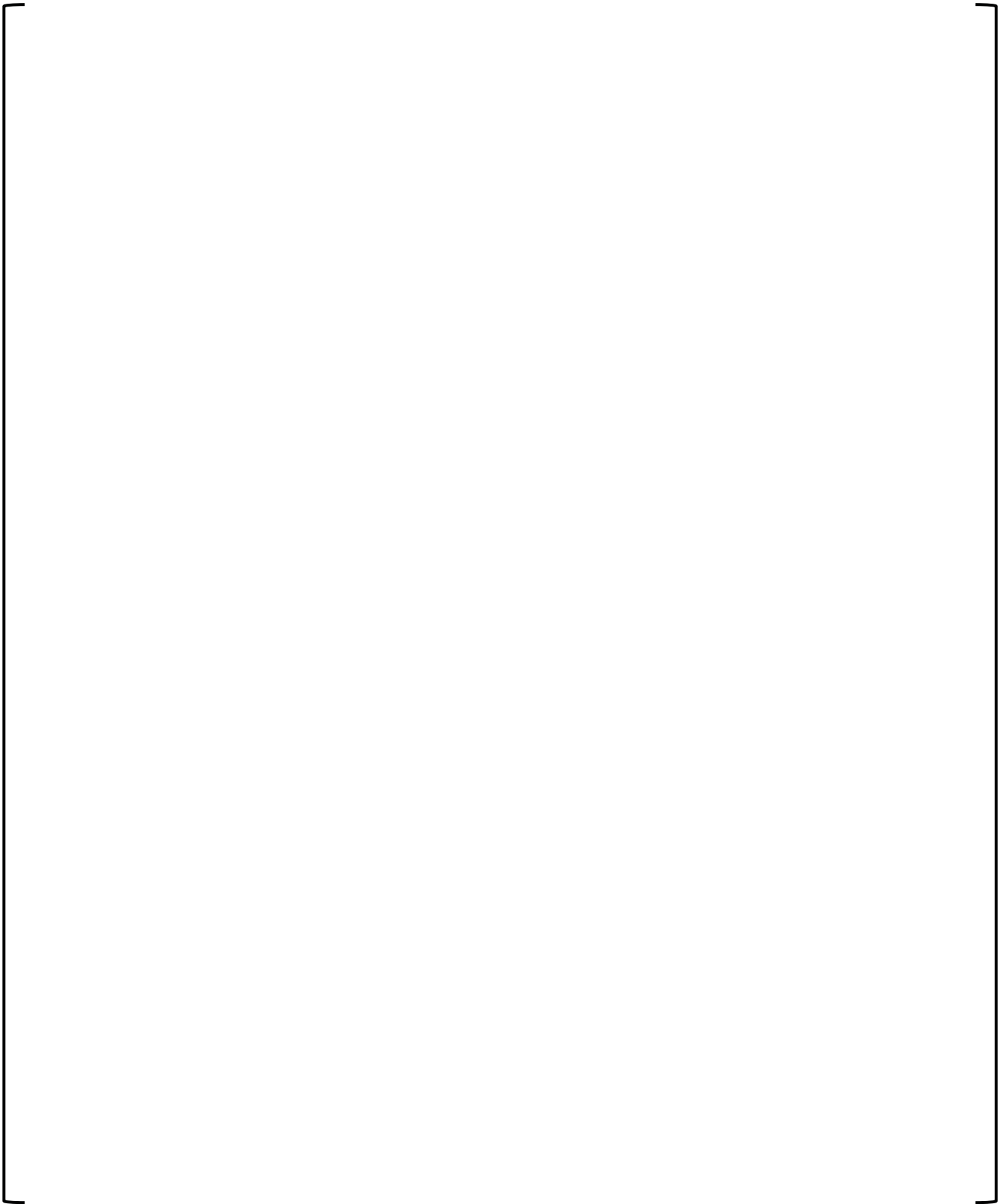
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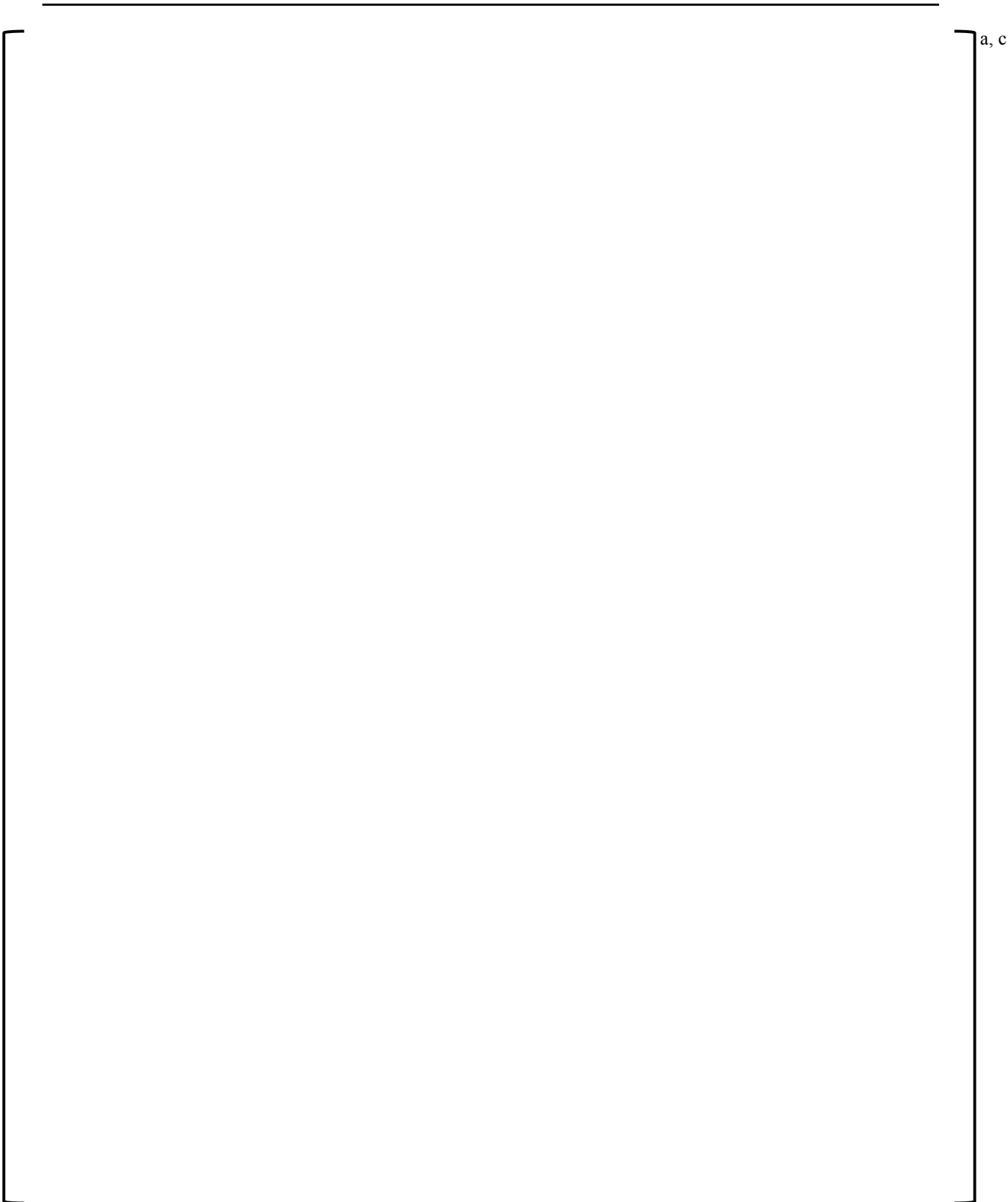
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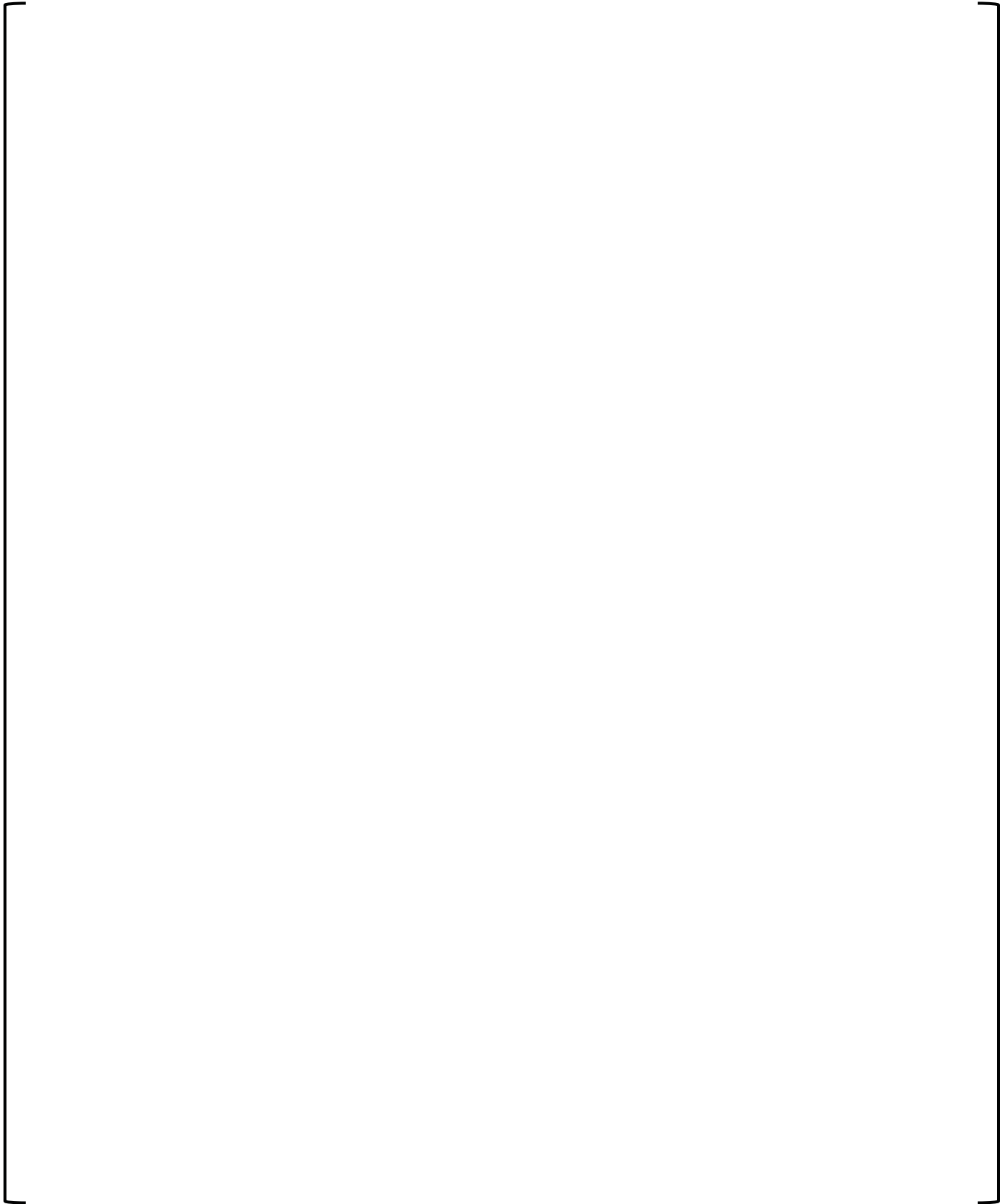
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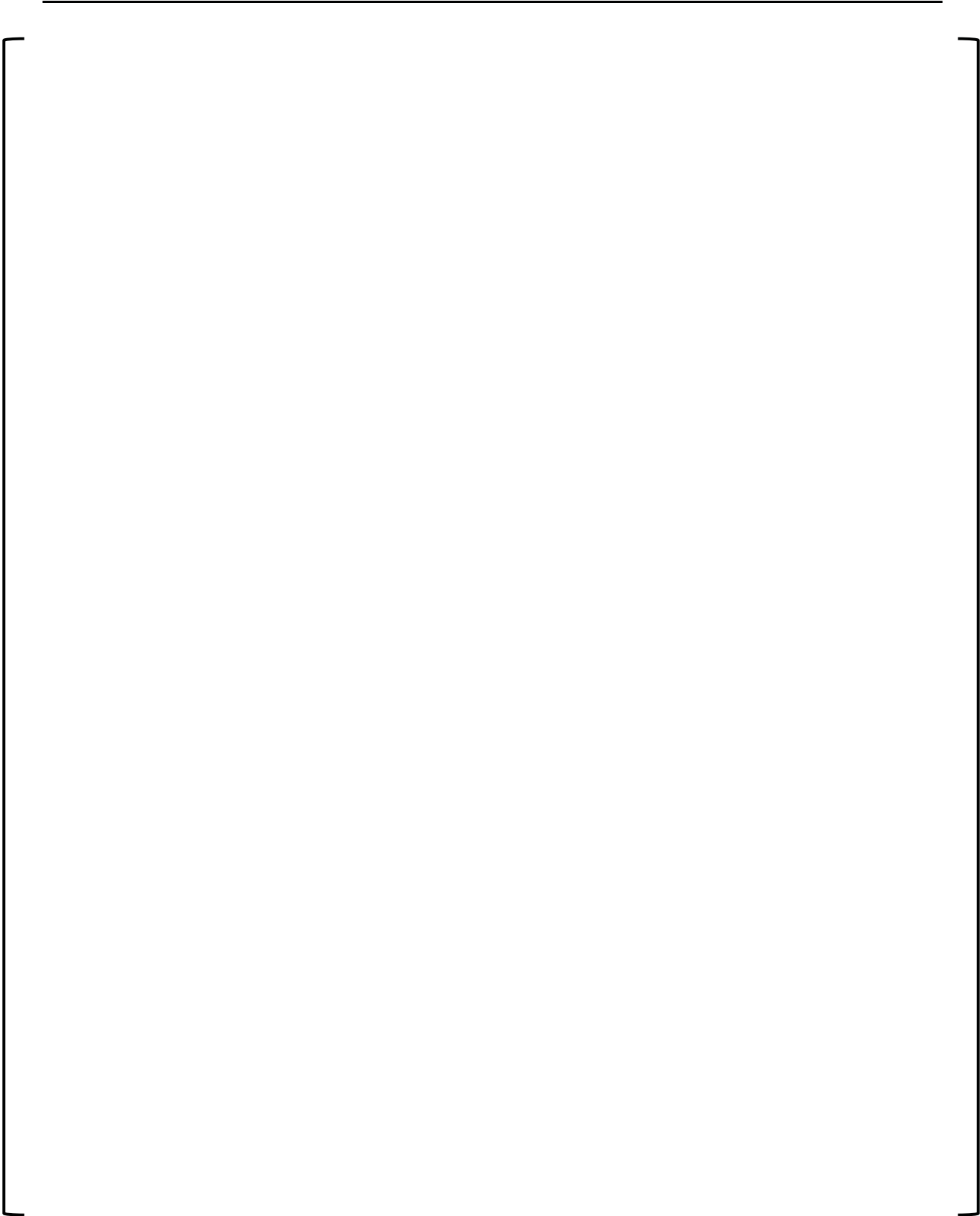
a, c



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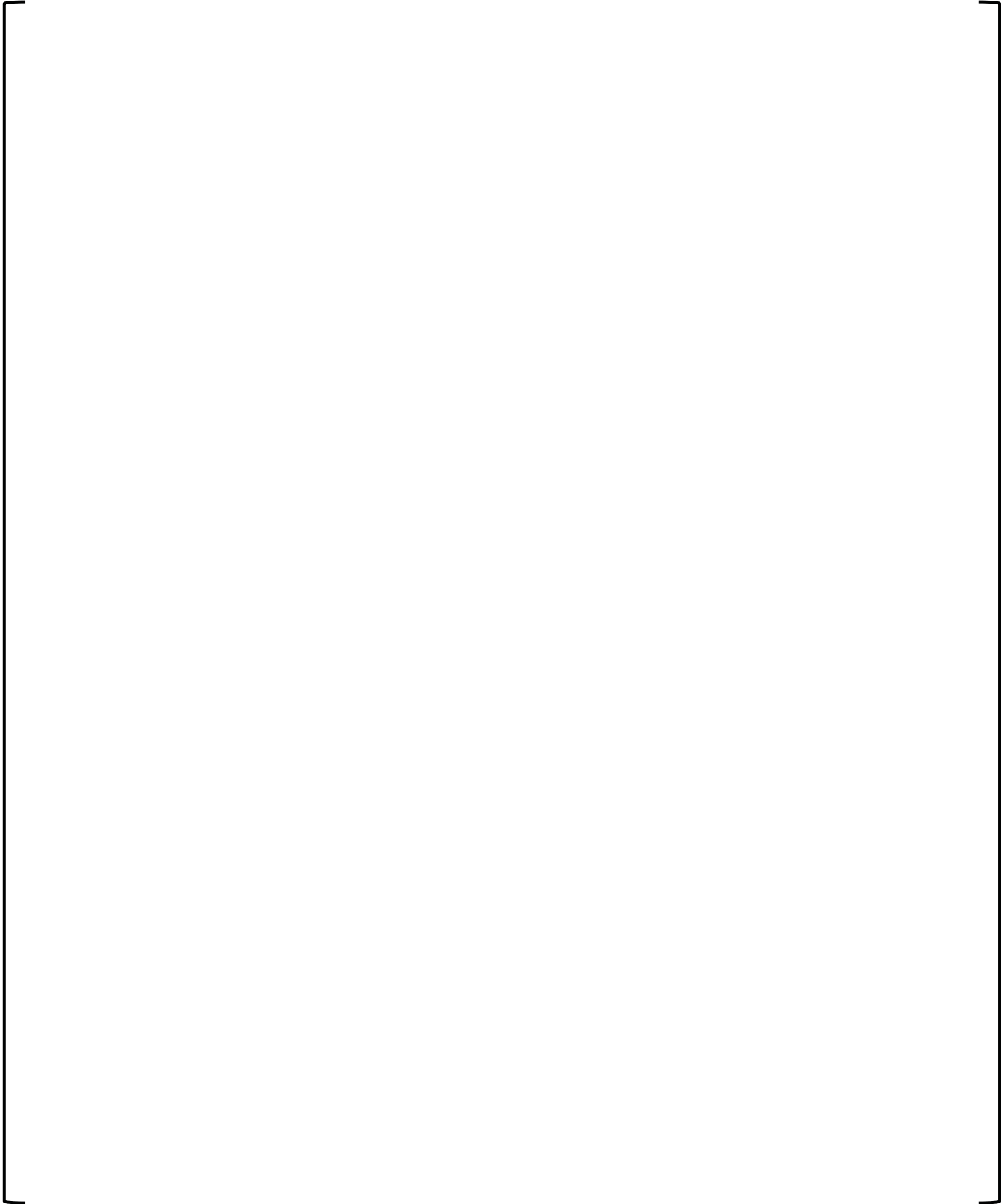
a, c



a, c



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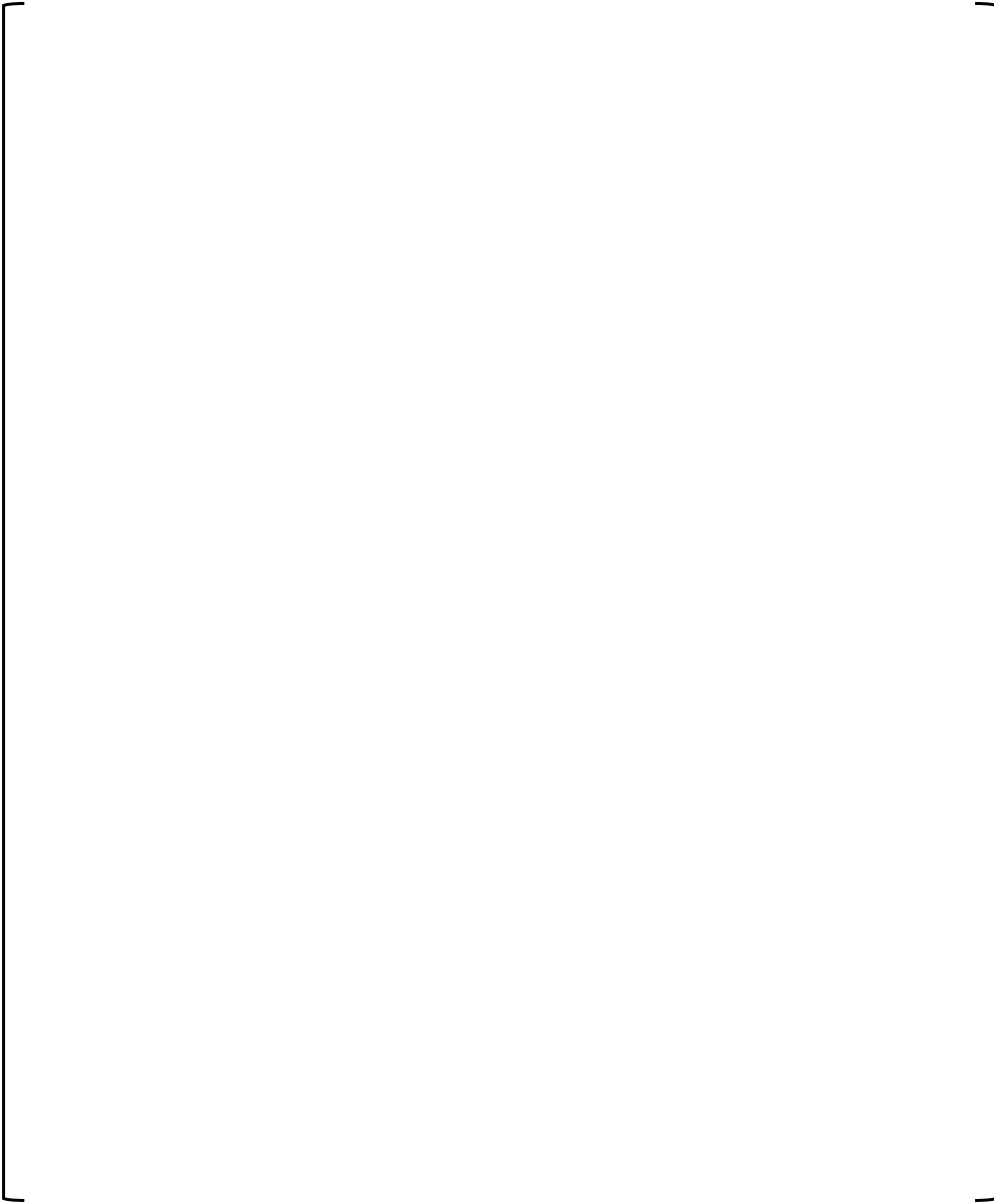


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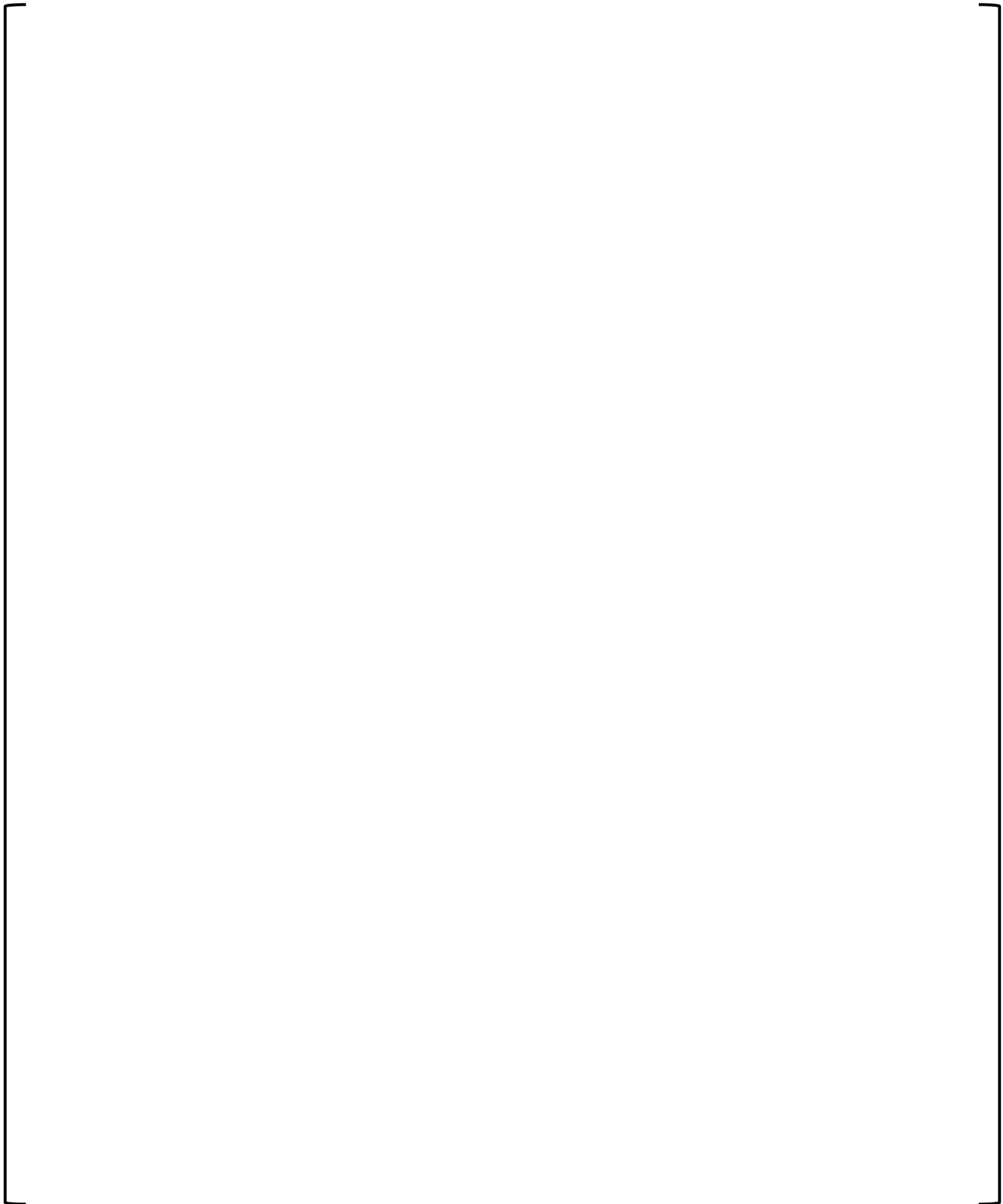
a, c

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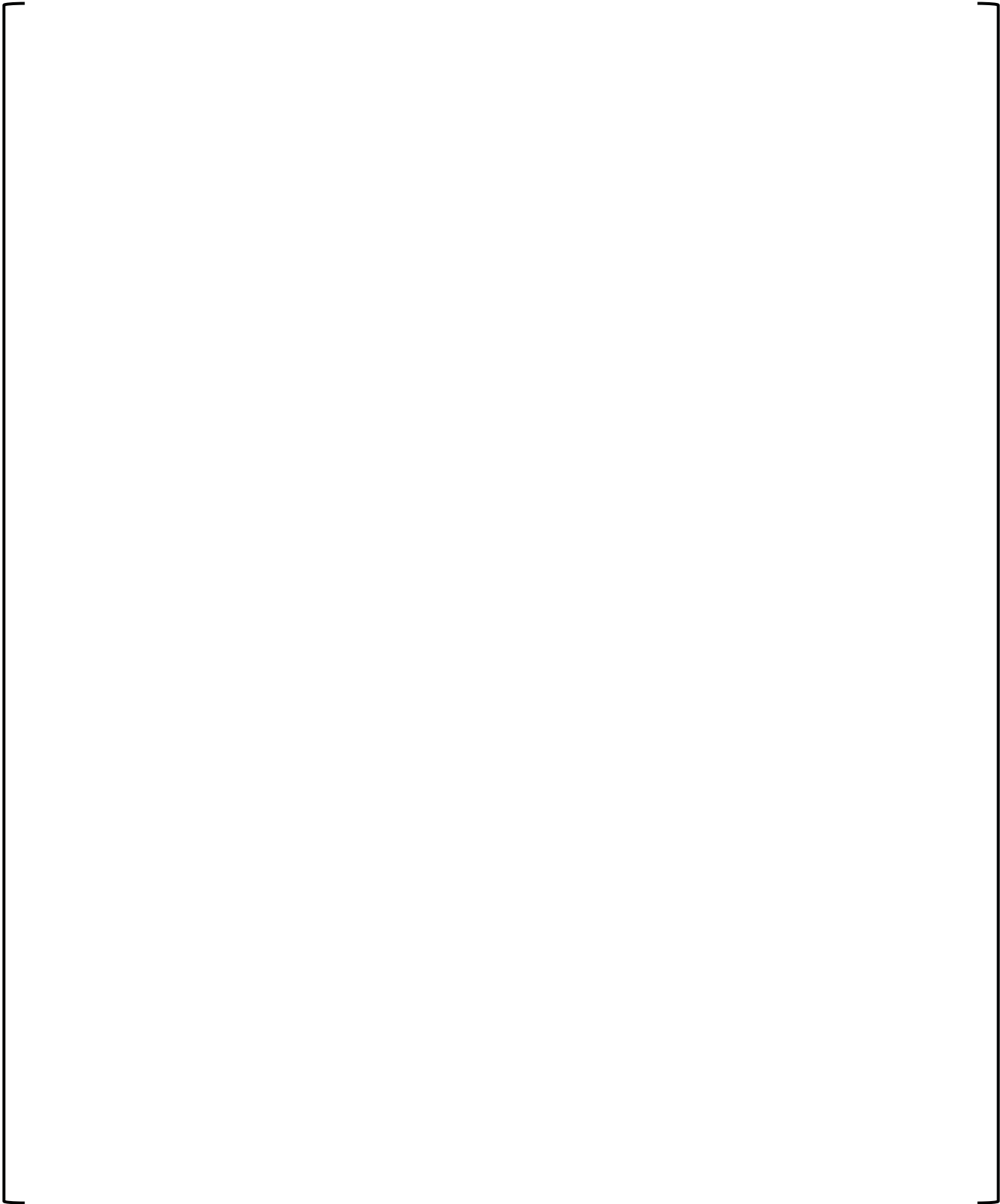


a, c

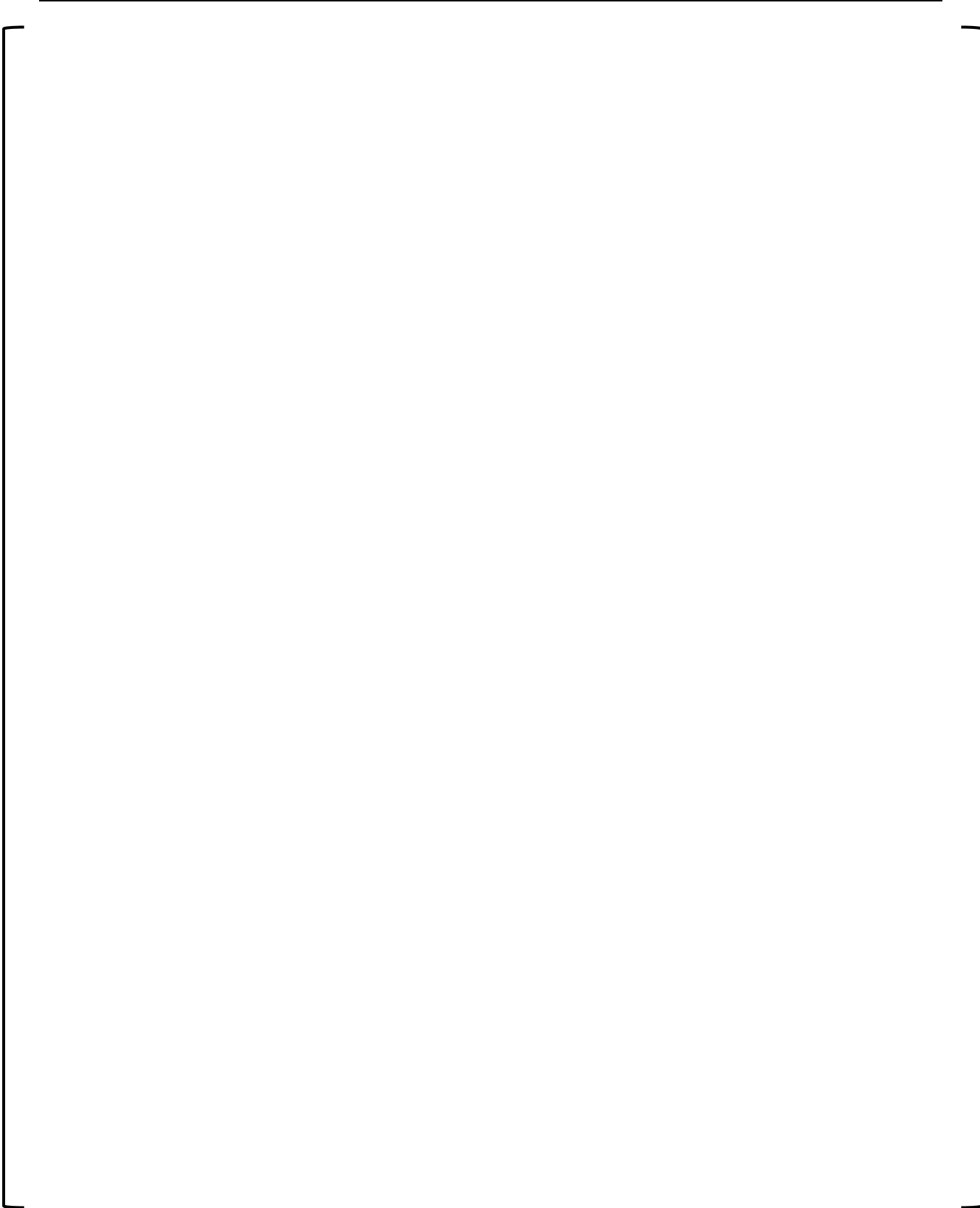
a, c



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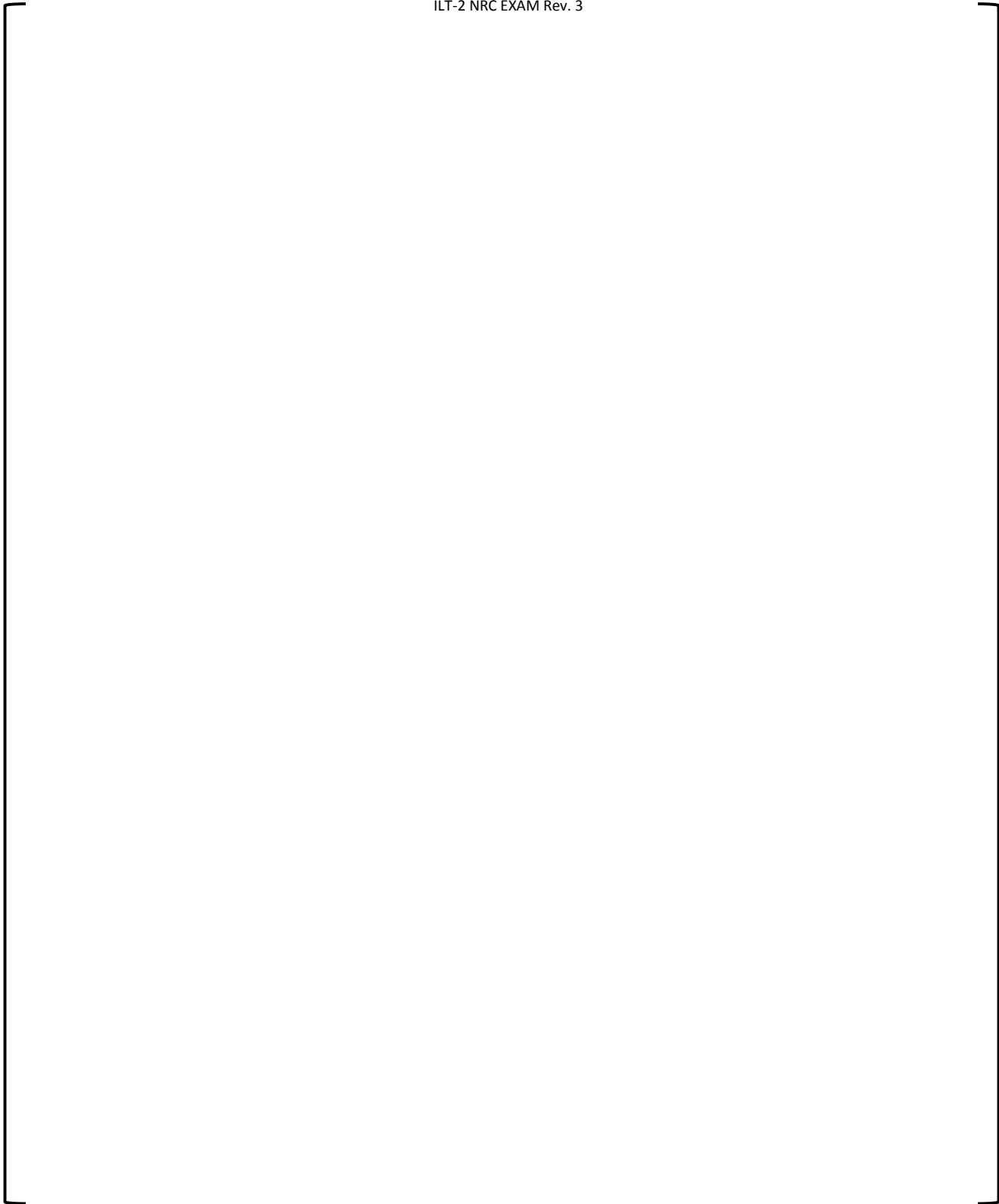
ENCLOSURE 8 to CAW-17-4551

V3&4 NRC ILT-2 Sim JPMs

(Non-Proprietary)

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE A
ILT-2 NRC EXAM Rev. 3

a, c



SIMULATOR BOOTH INSTRUCTIONS

a, c

READ TO APPLICANT**DIRECTION TO APPLICANT:**

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

a, c

START TIME: _____**Evaluator Note:**

- **The most likely screen is given for where the operator will perform the task or check the indication. Indications may be available on multiple screens. In those cases, it is acceptable to look at other screens to get the same information from the same instrument.**
- **When prompted by the candidate for a peer check, respond “peer check is NOT available”.**
- **When any report is given or a request is made, “acknowledge the report verbatim.” Provide no other answer as this may unknowingly cue the candidate.**

STEP/STANDARD	SAT/UNSAT
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STEP/STANDARD	SAT/UNSAT
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	a, c
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STEP/STANDARD	SAT/UNSAT
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a, c

STEP/STANDARD	SAT/UNSAT
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a, c

STEP/STANDARD	SAT/UNSAT
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a, c

STEP/STANDARD	SAT/UNSAT
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	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c

APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

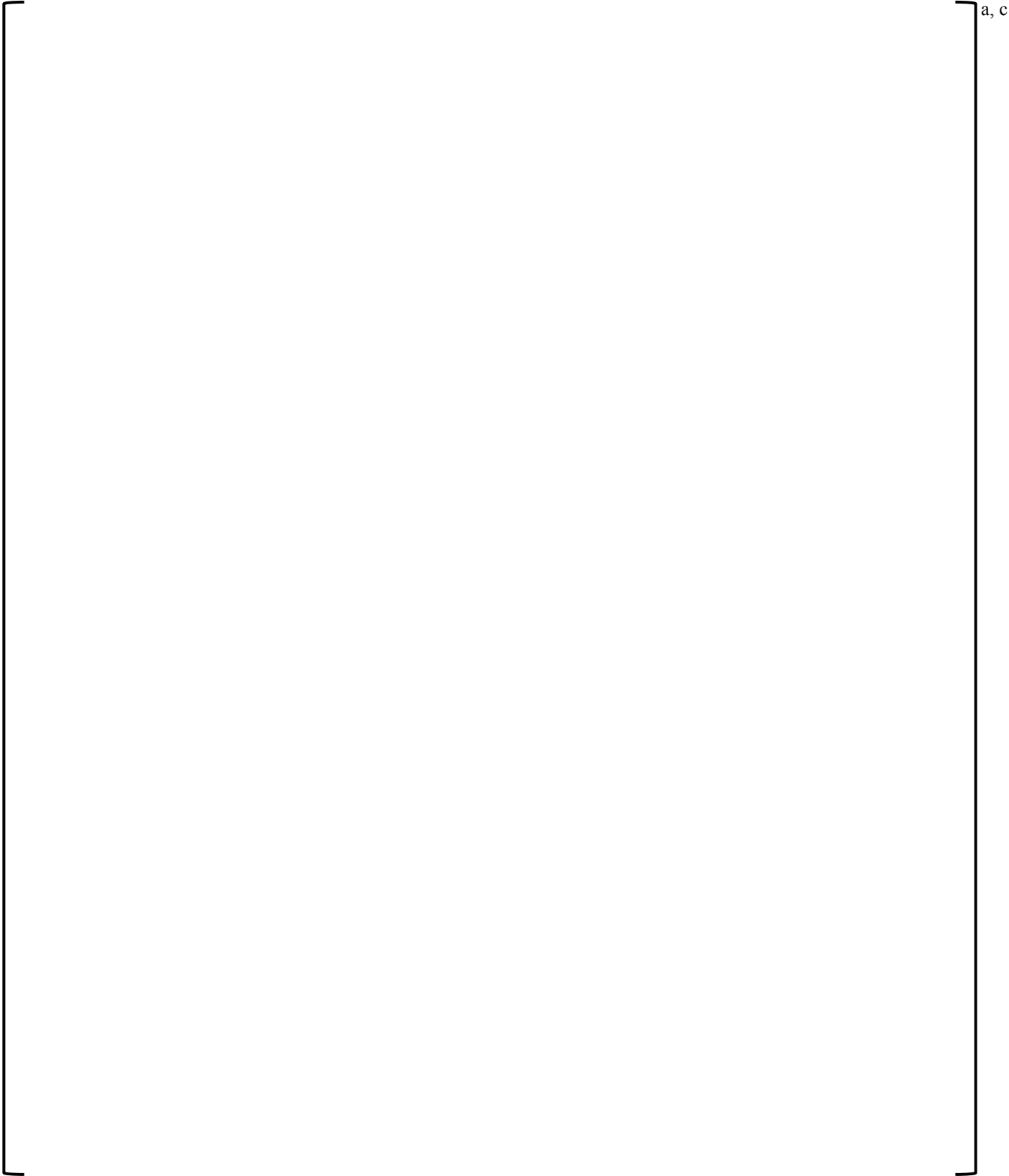
a, c



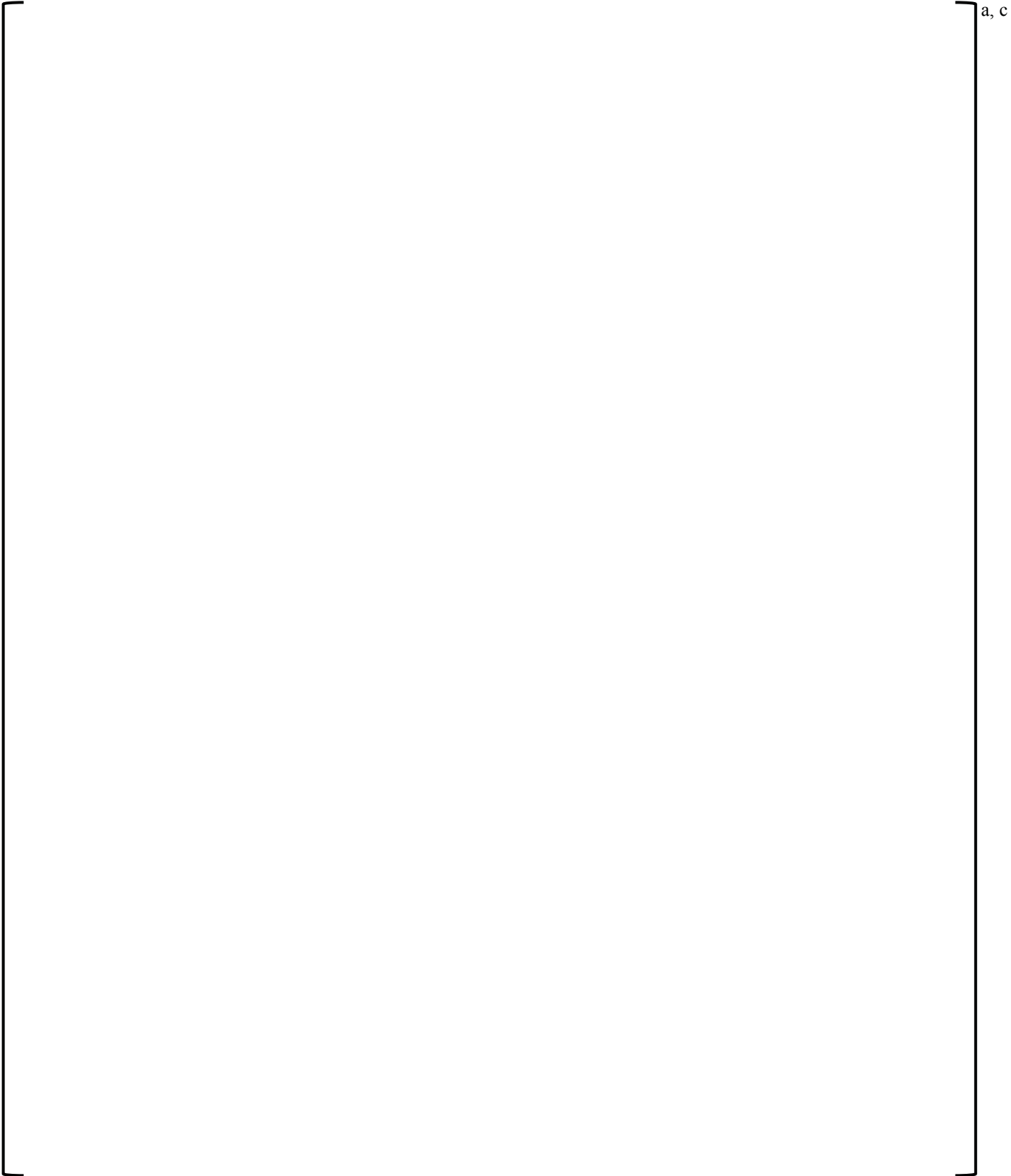
**VOGTLE
Unit 3**

a, c

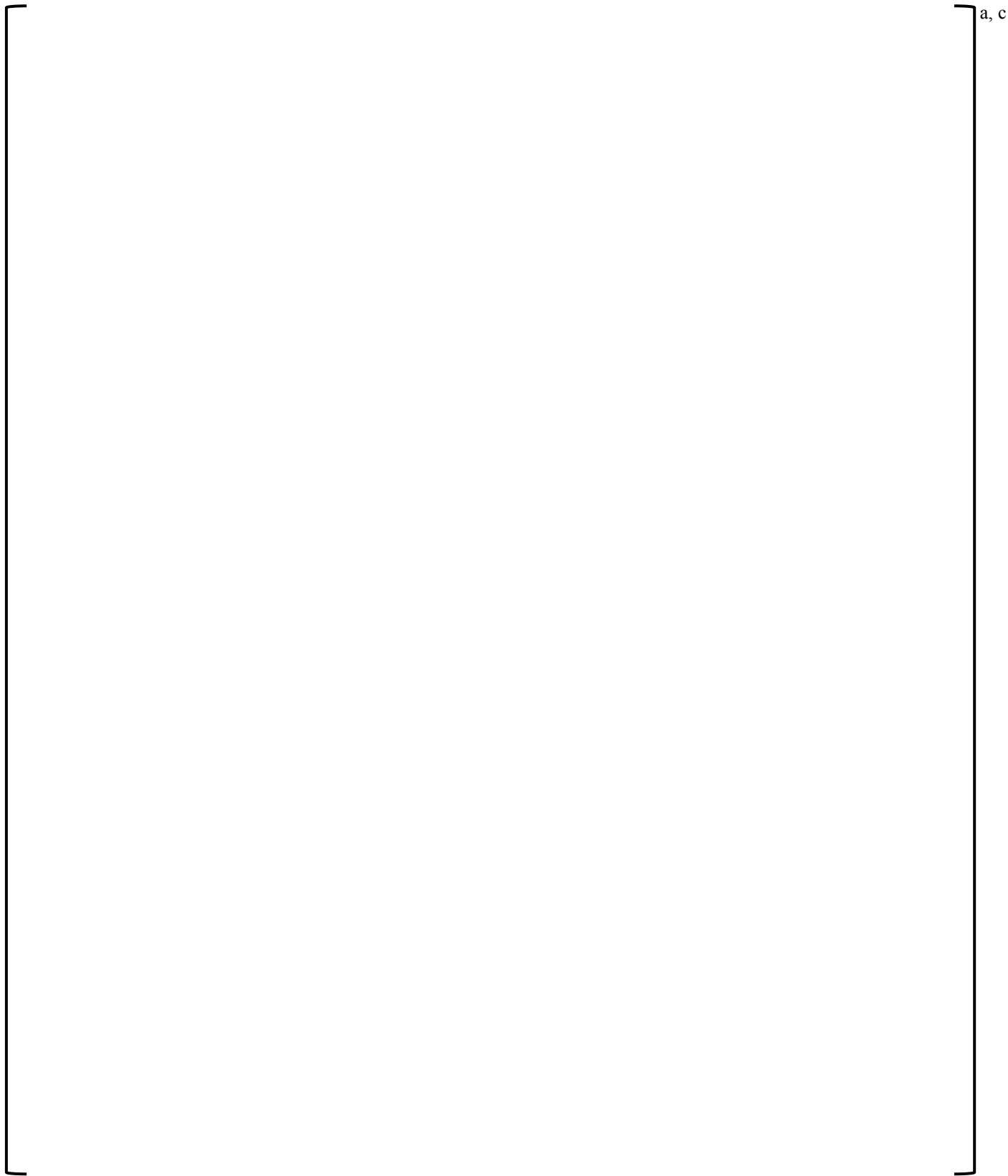
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 2 of 51



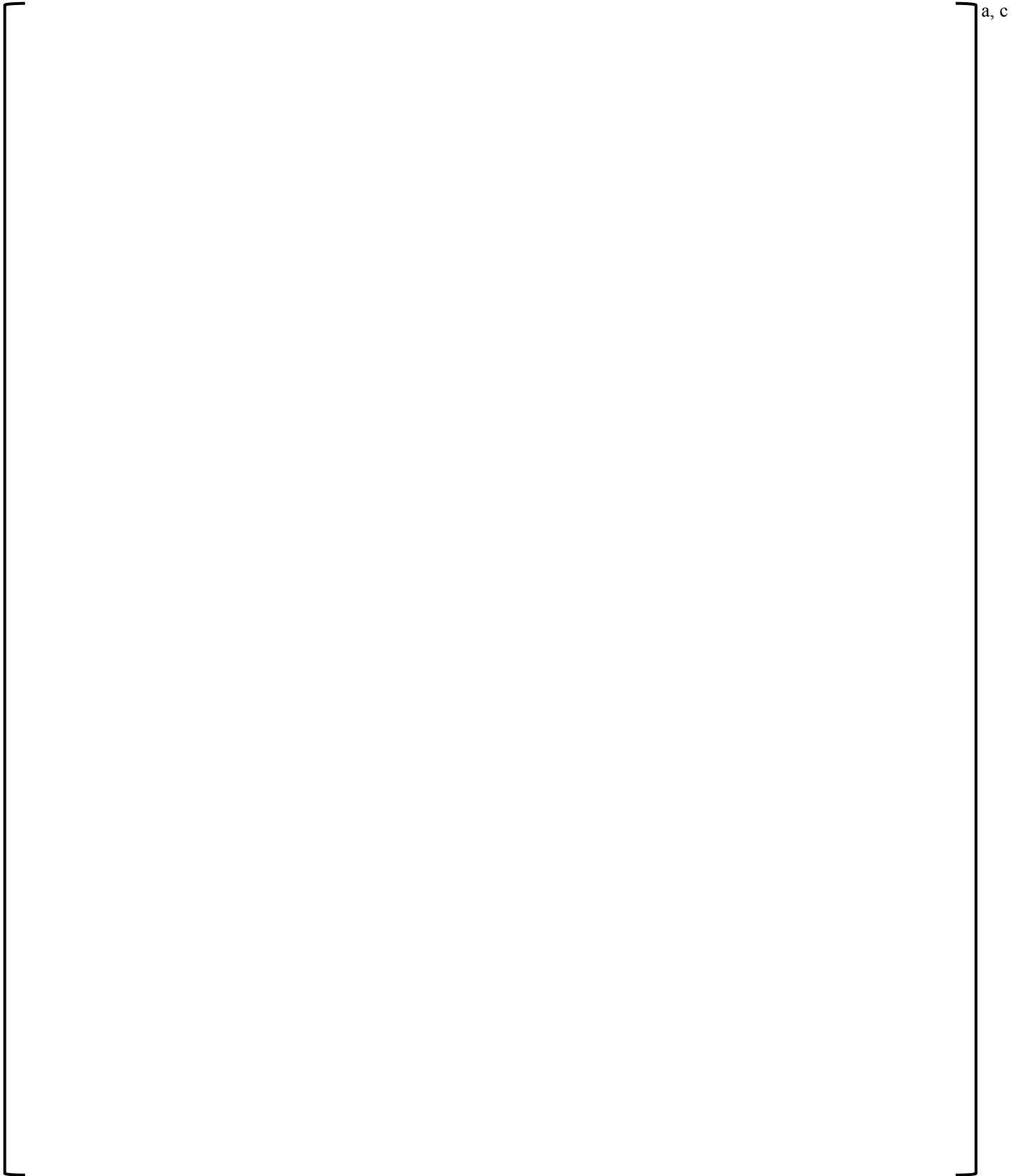
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 3 of 51



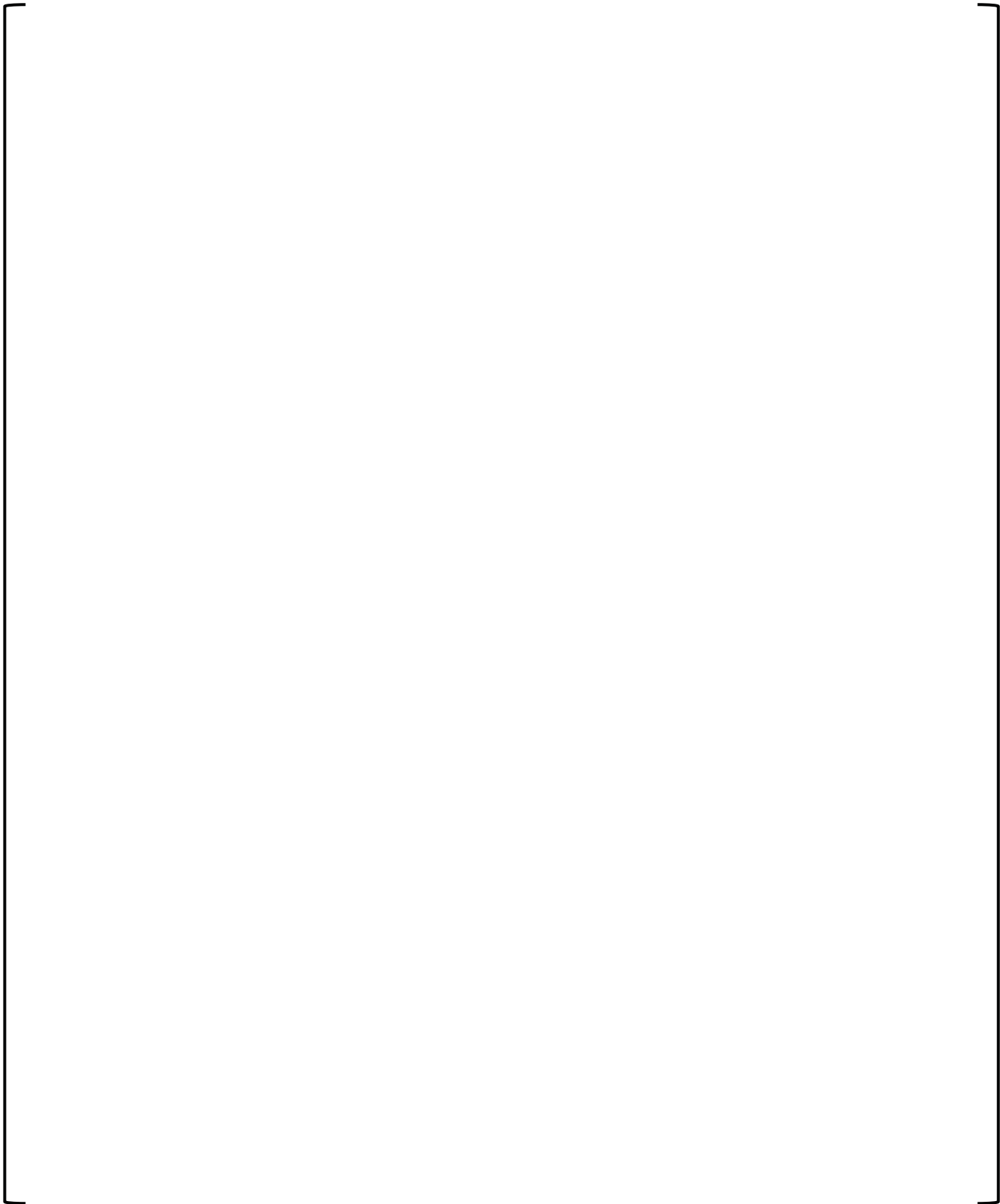
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 4 of 51



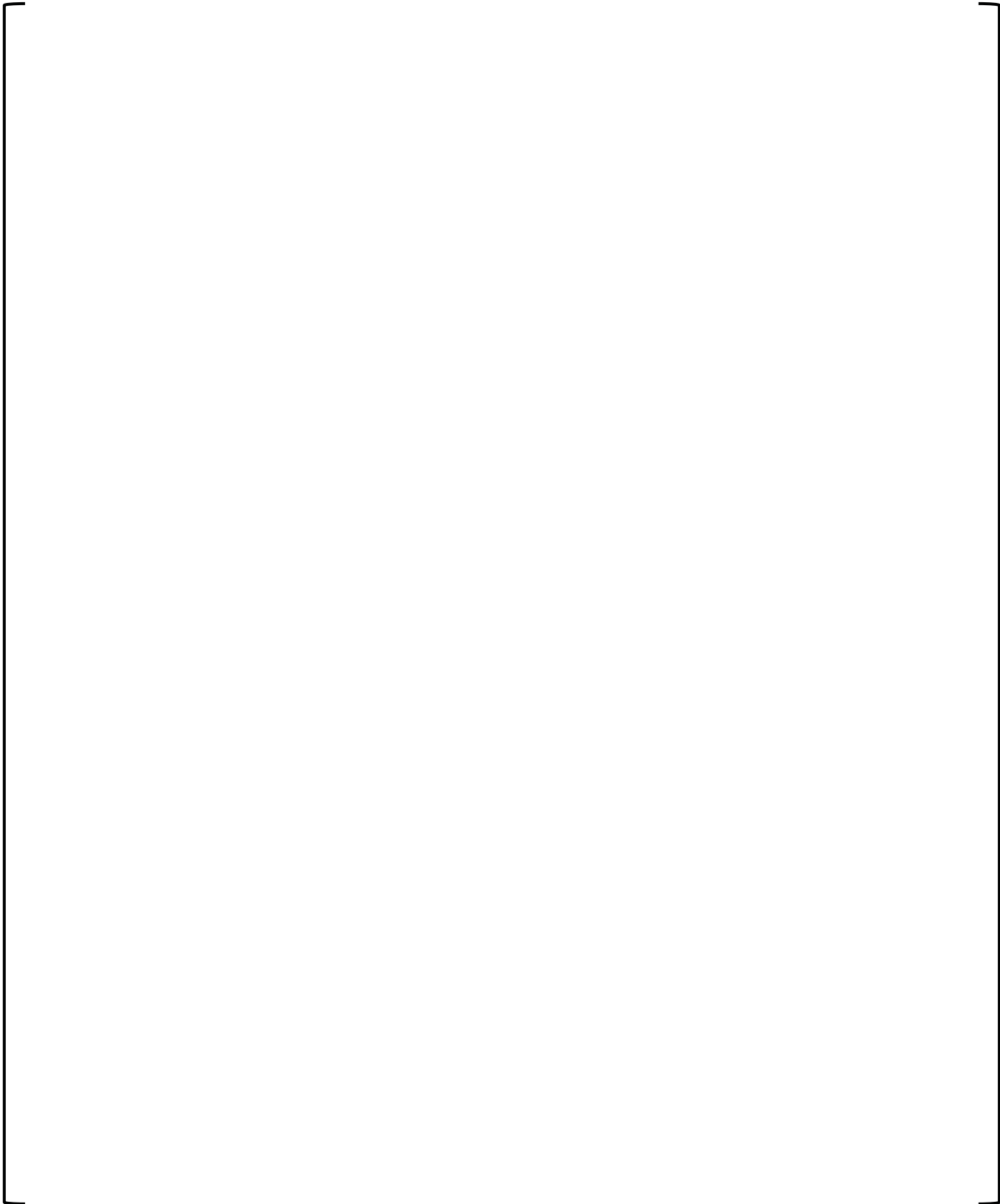
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 5 of 51



Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE Unit 3	Version H=0.7 Page 6 of 51

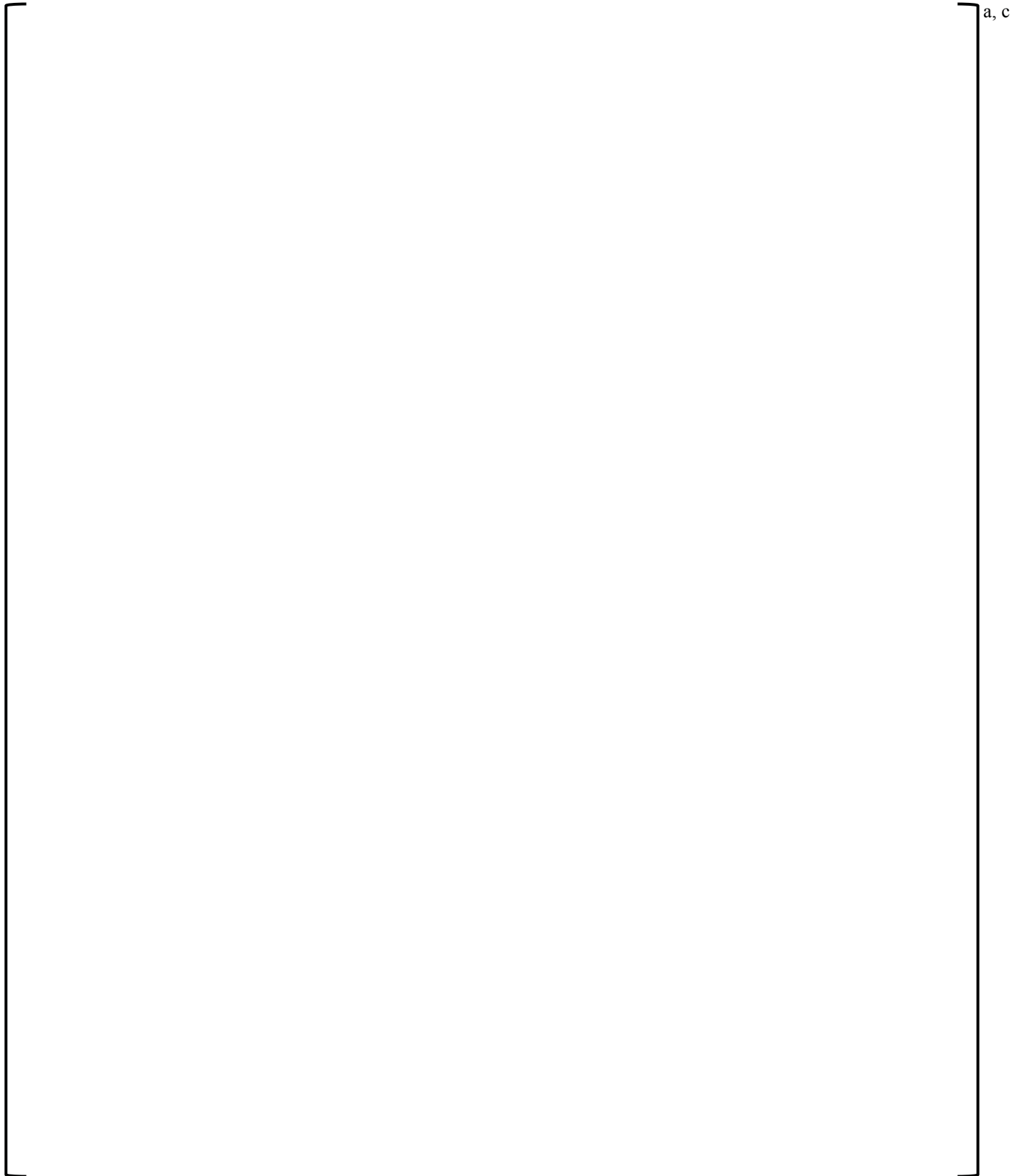


Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 7 of 51

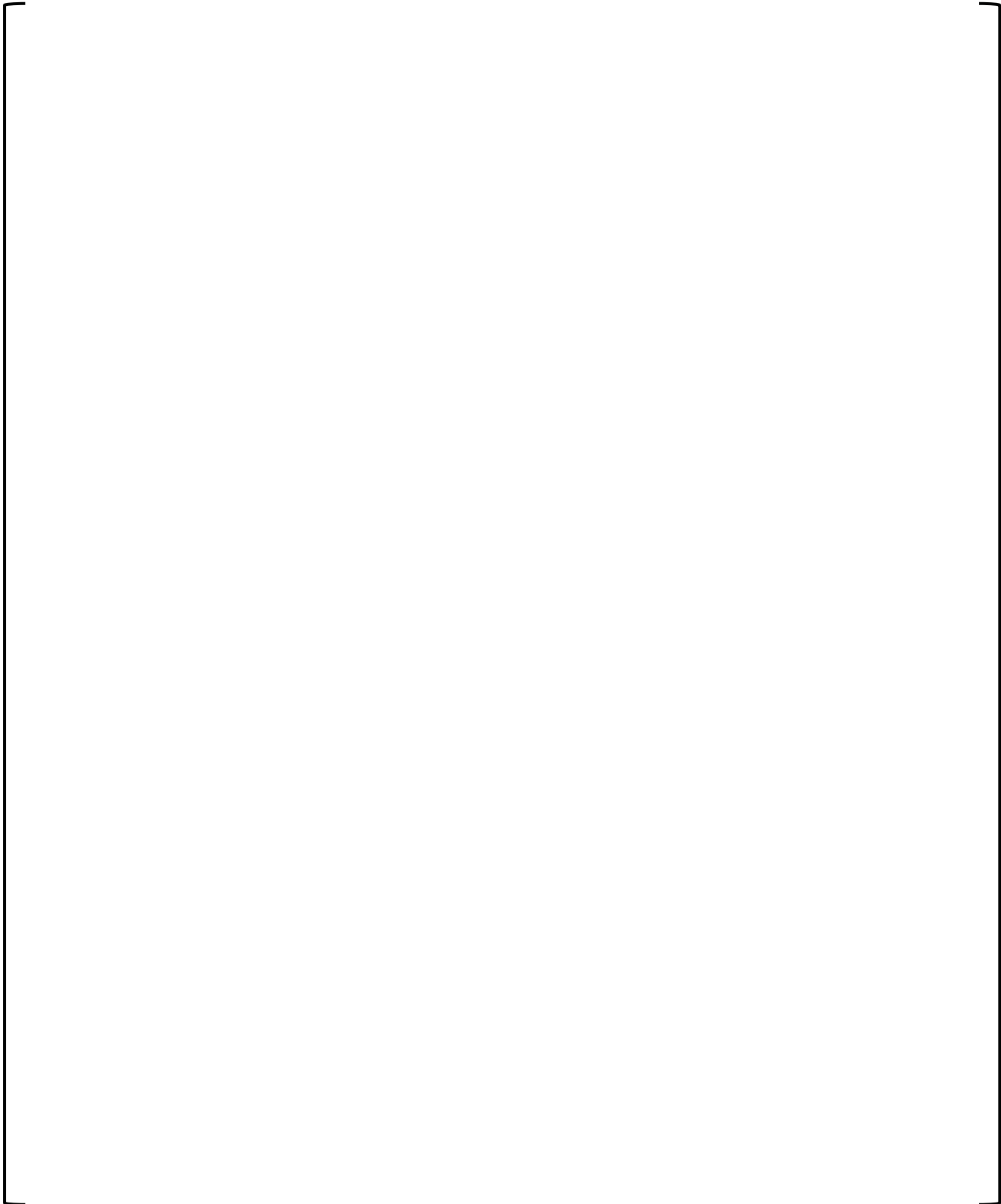


a, c

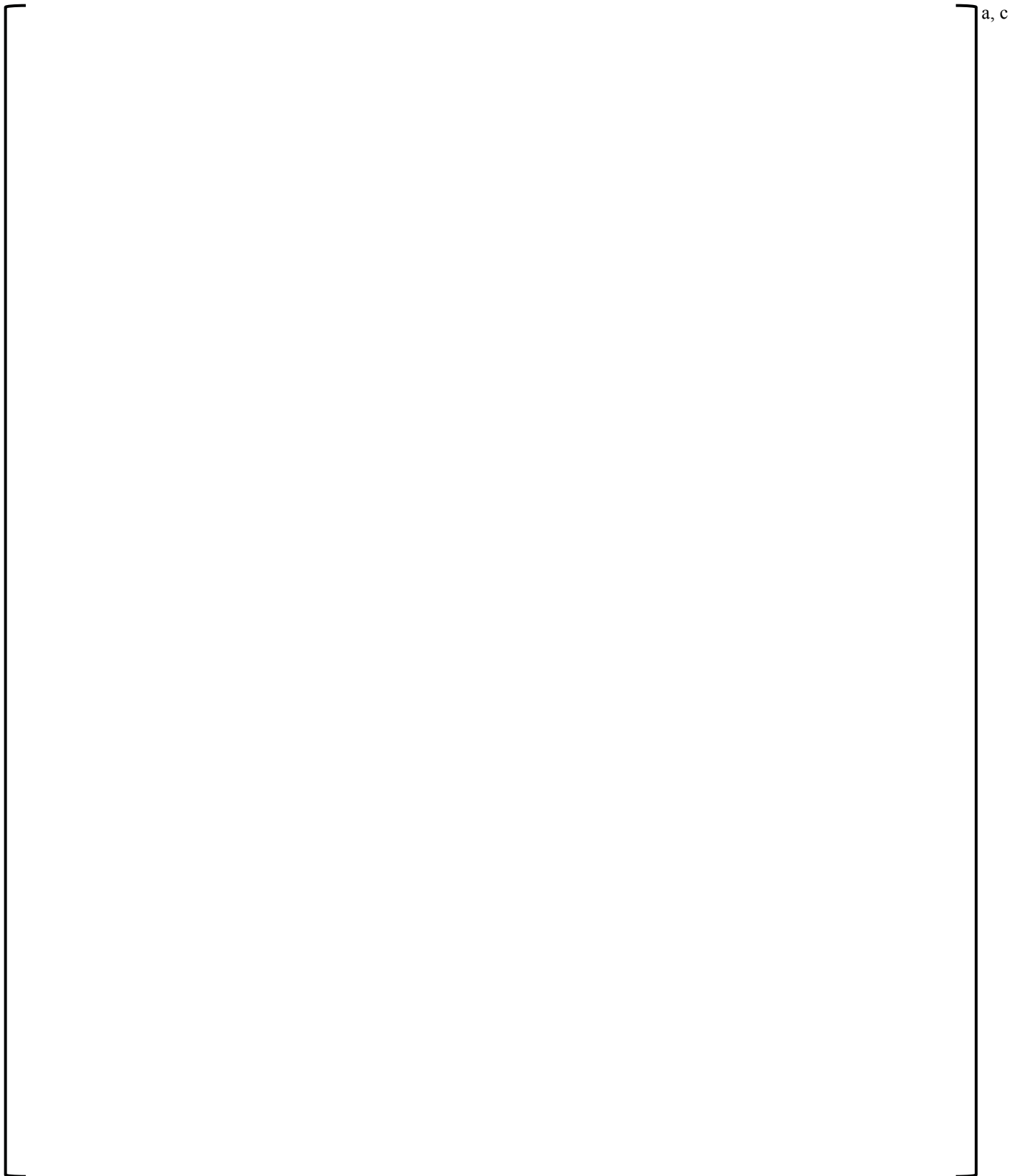
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	VOGTLE	Version H=0.7
	Unit 3	Page 8 of 51



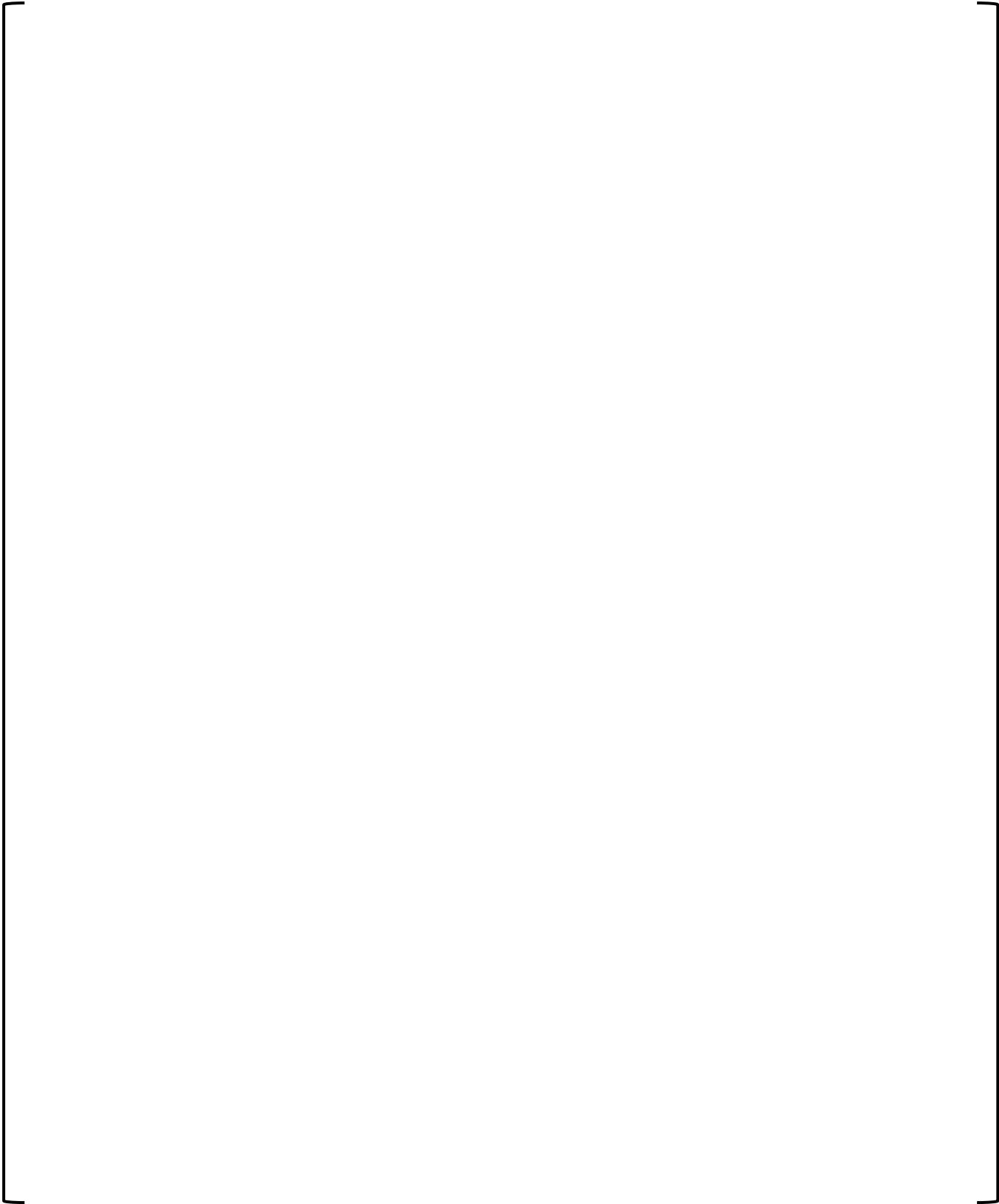
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 9 of 51



Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 10 of 51

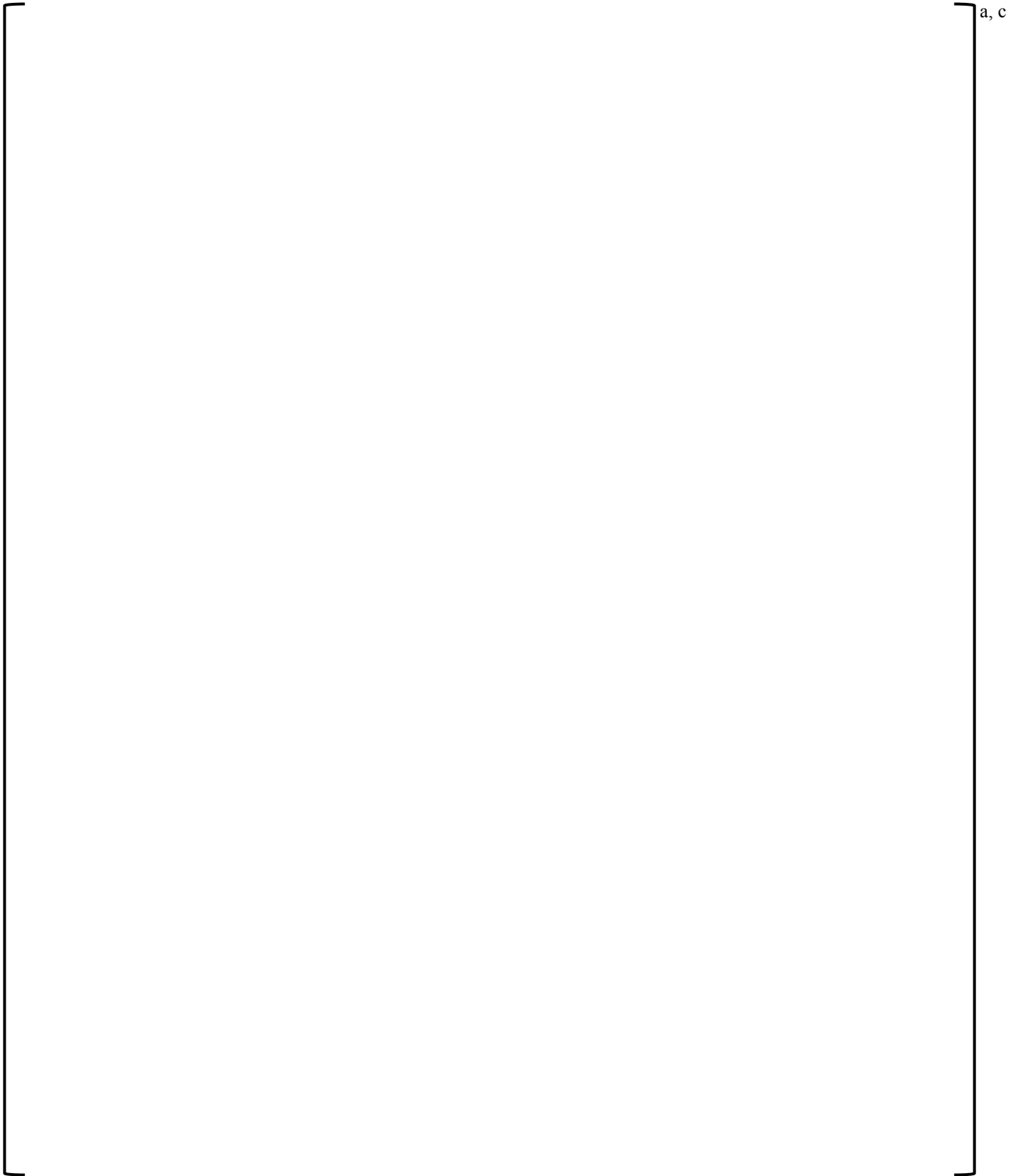


Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 11 of 51

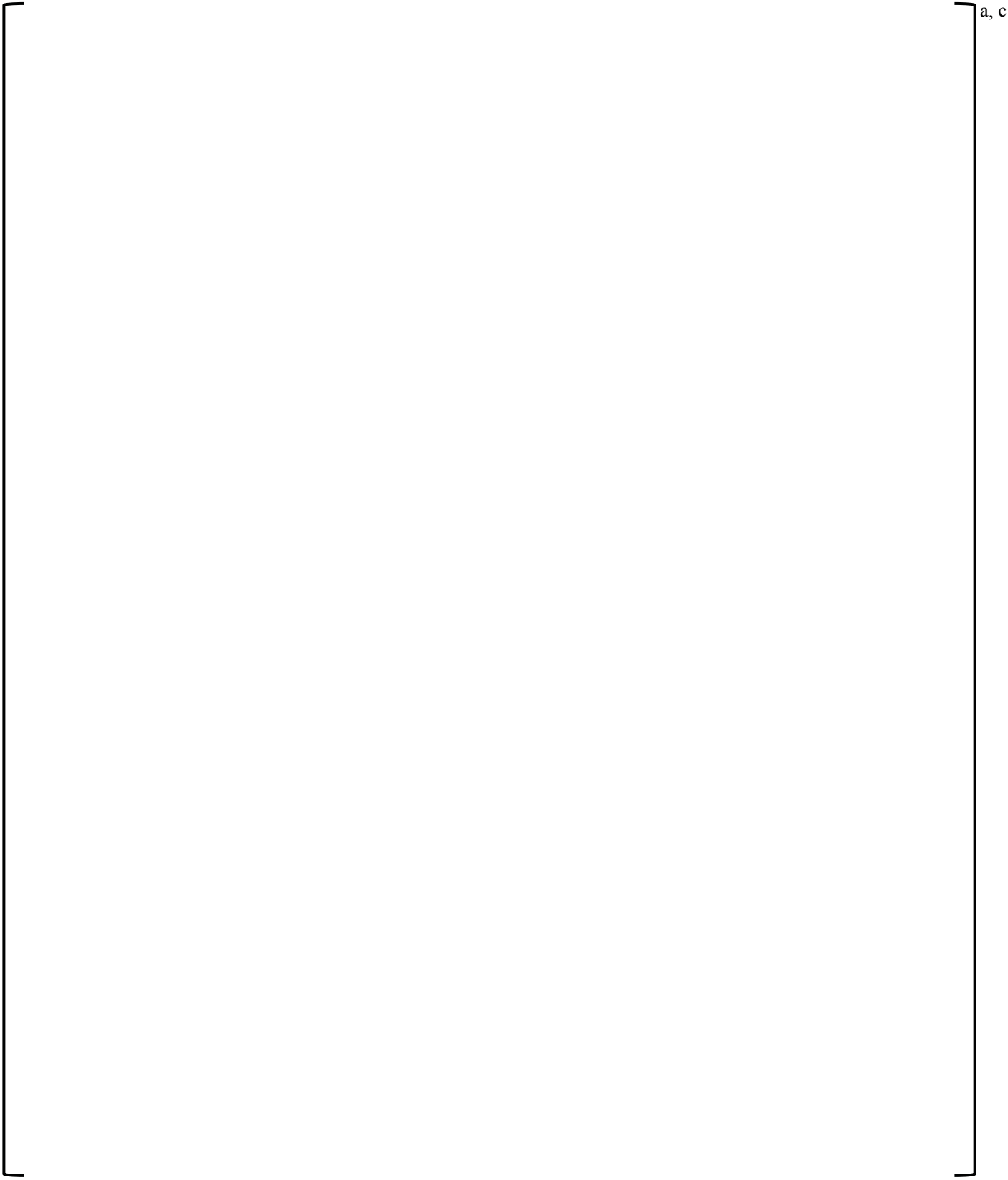


a, c

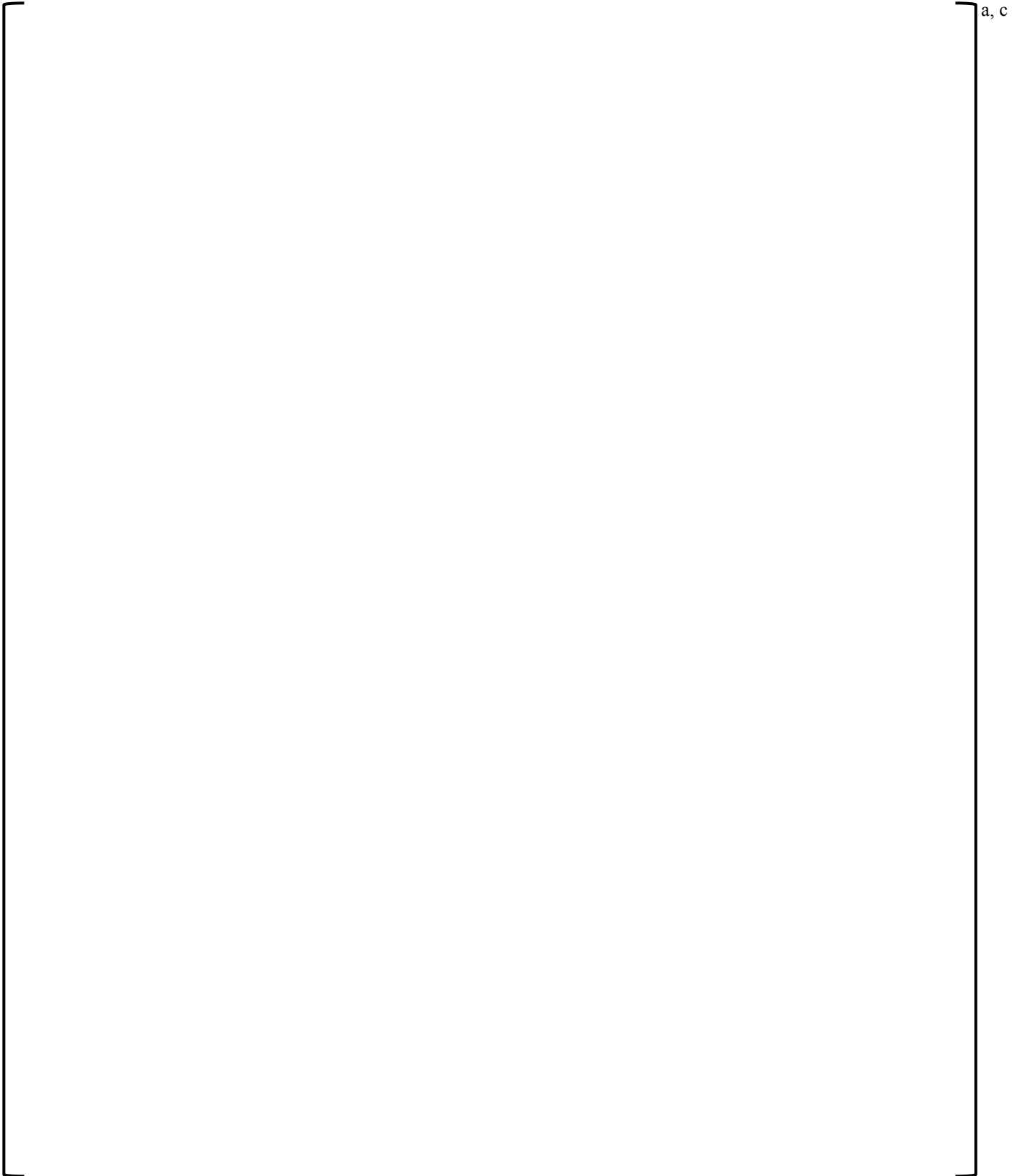
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE Unit 3	Version H=0.7 Page 12 of 51



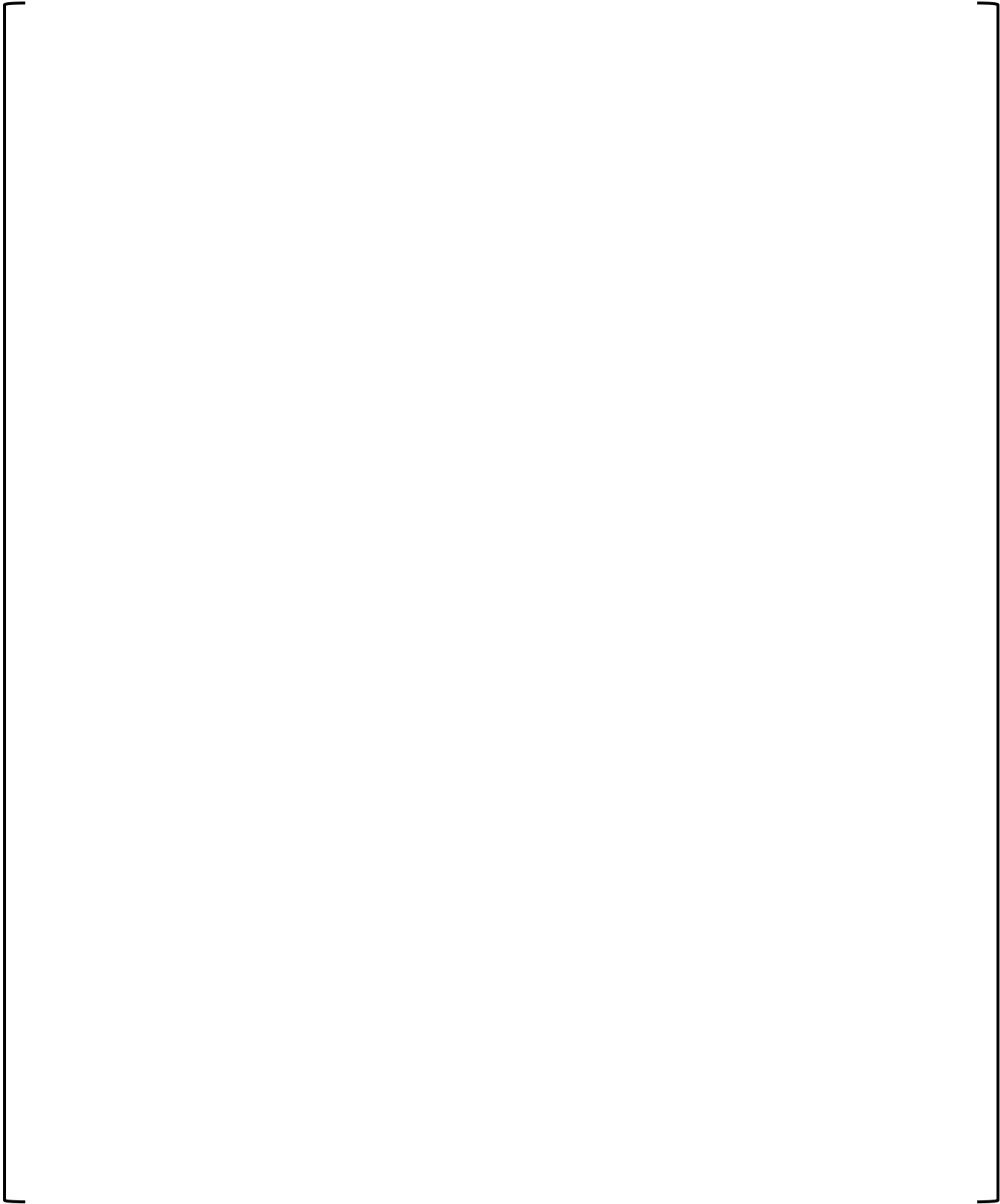
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	VOGTLE	Version H=0.7
	Unit 3	Page 13 of 51



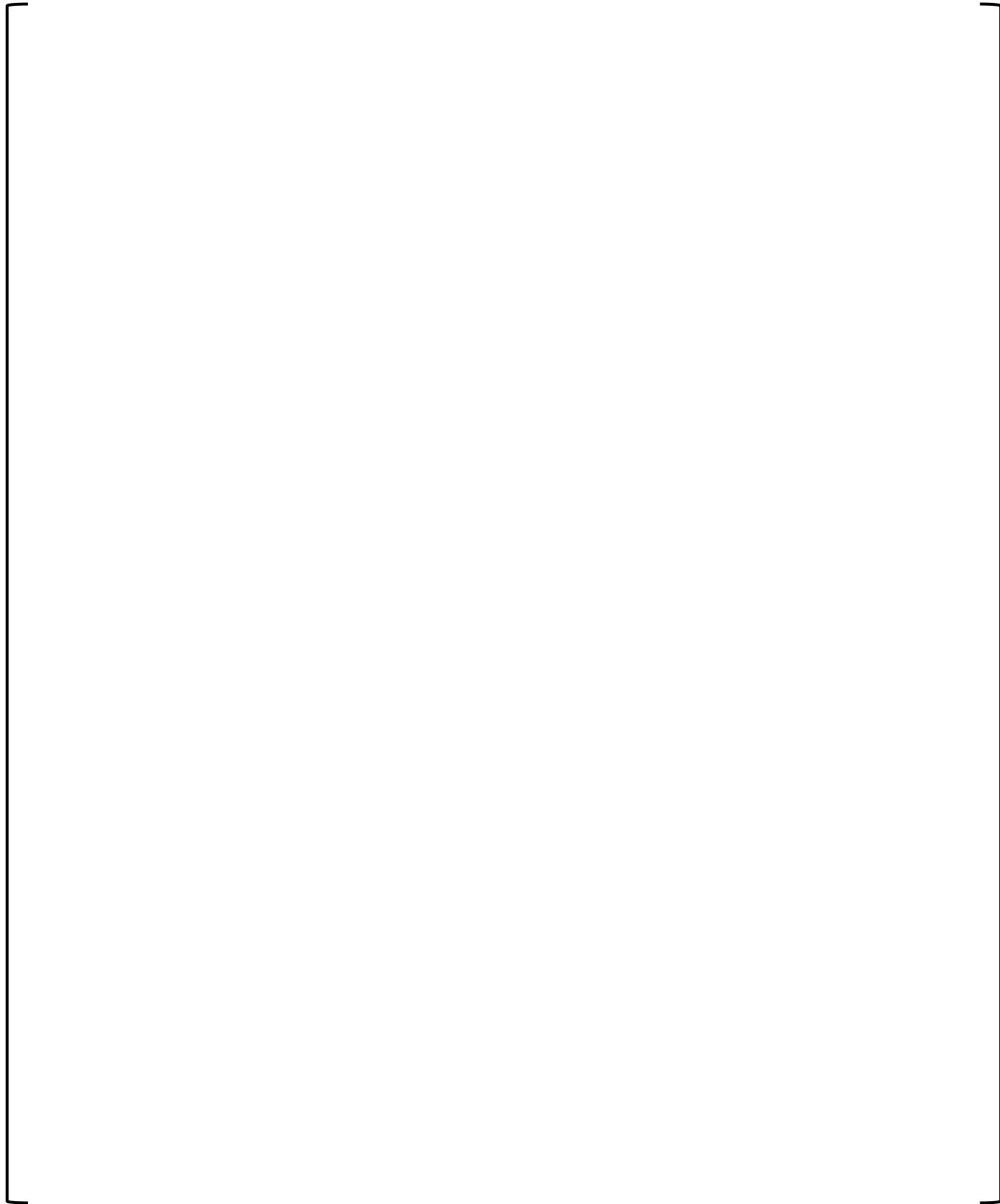
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 14 of 51



Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 15 of 51

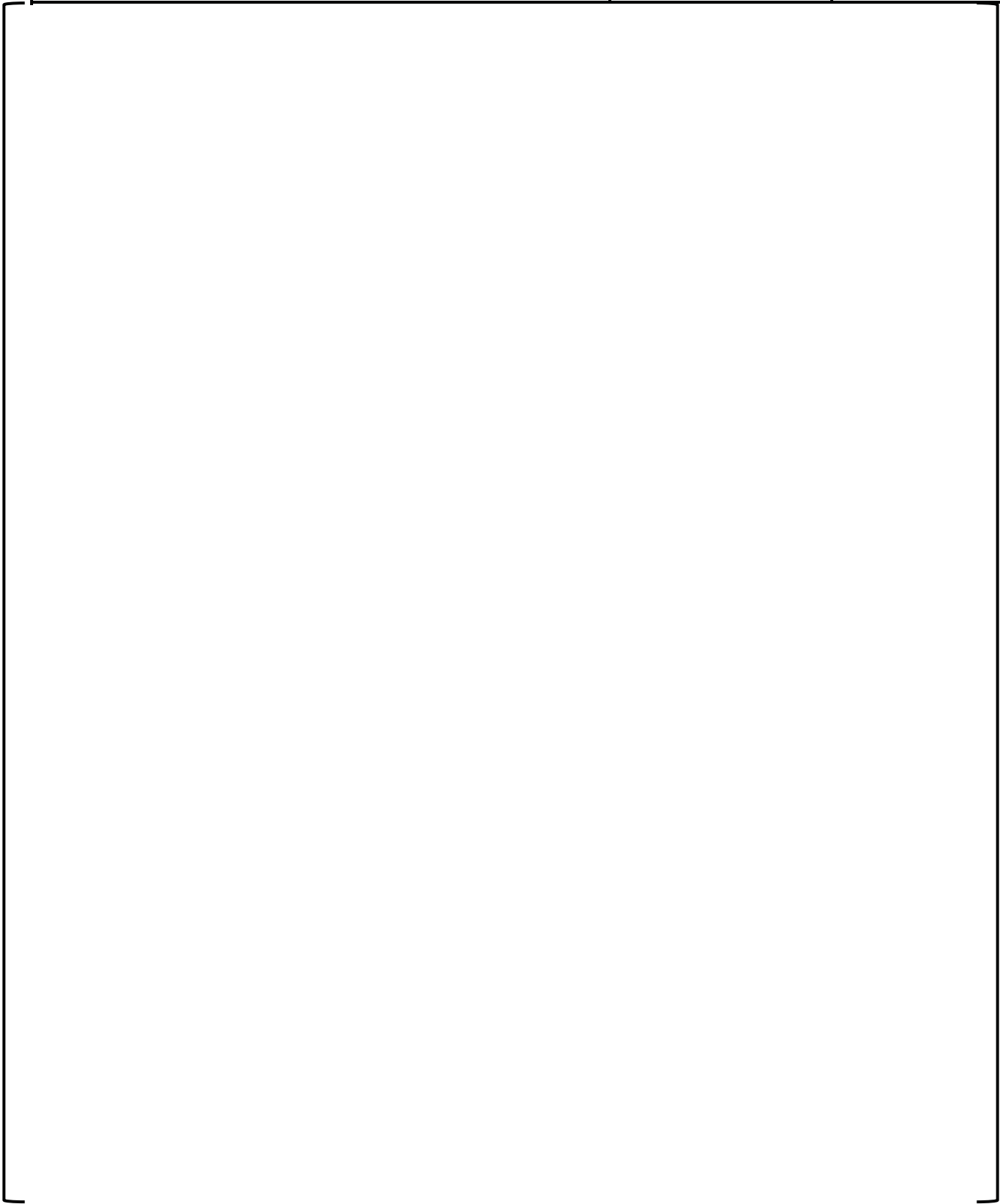


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	VOGTLE	Version H=0.7
	Unit 3	Page 16 of 51



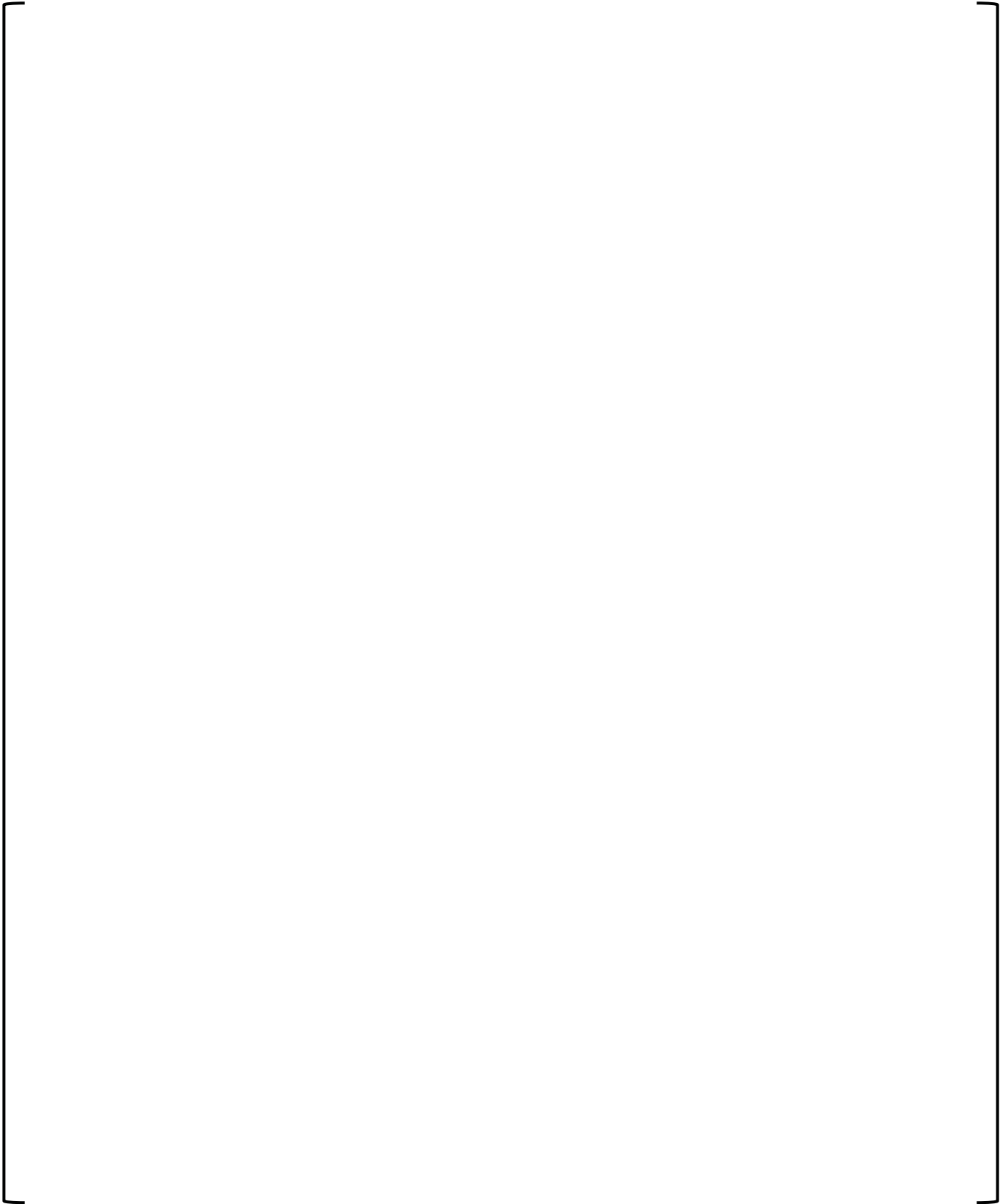
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	VOGTLE	Version H=0.7
	Unit 3	Page 17 of 51

a, c

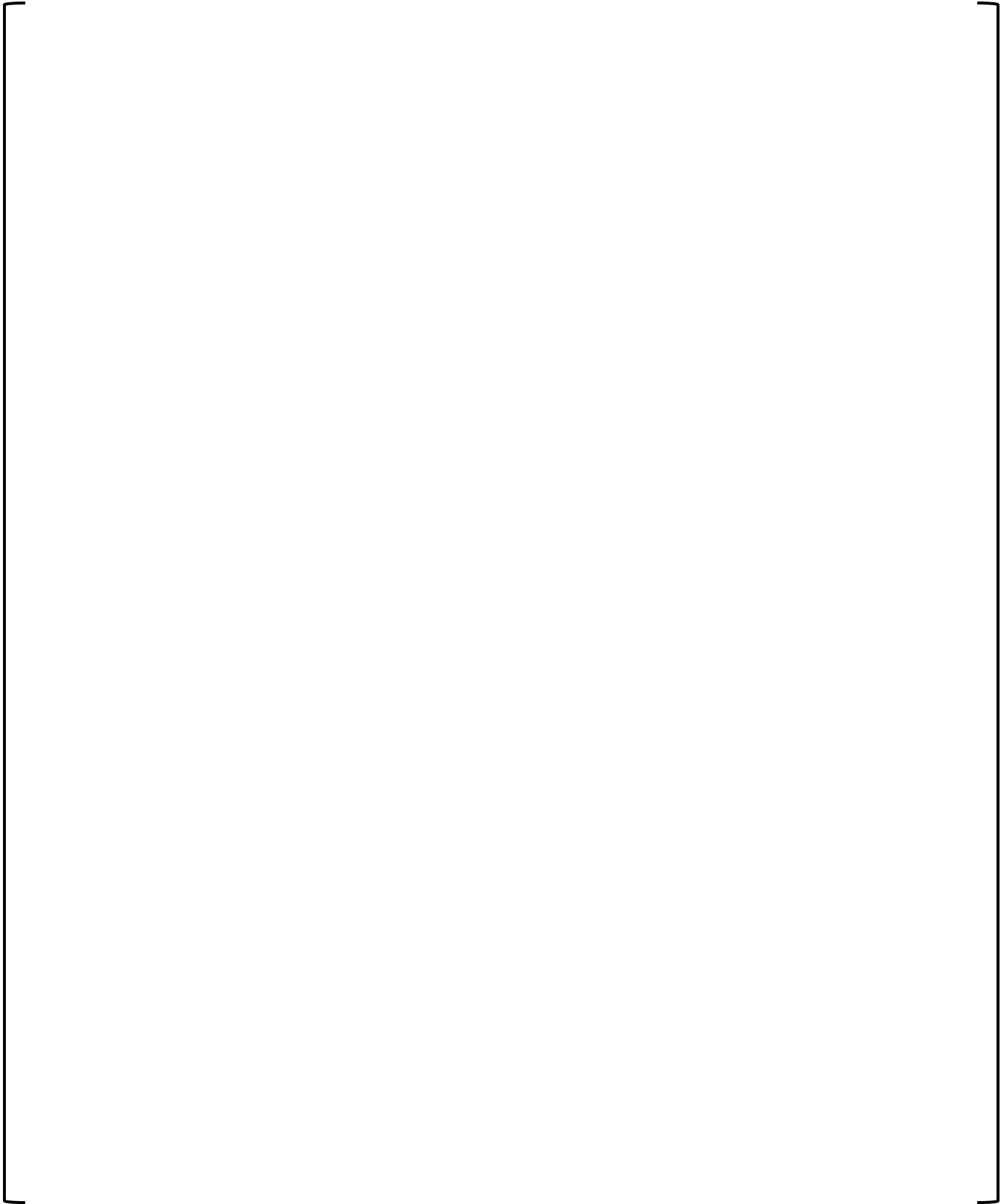


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	VOGTLE	Version H=0.7
	Unit 3	Page 18 of 51

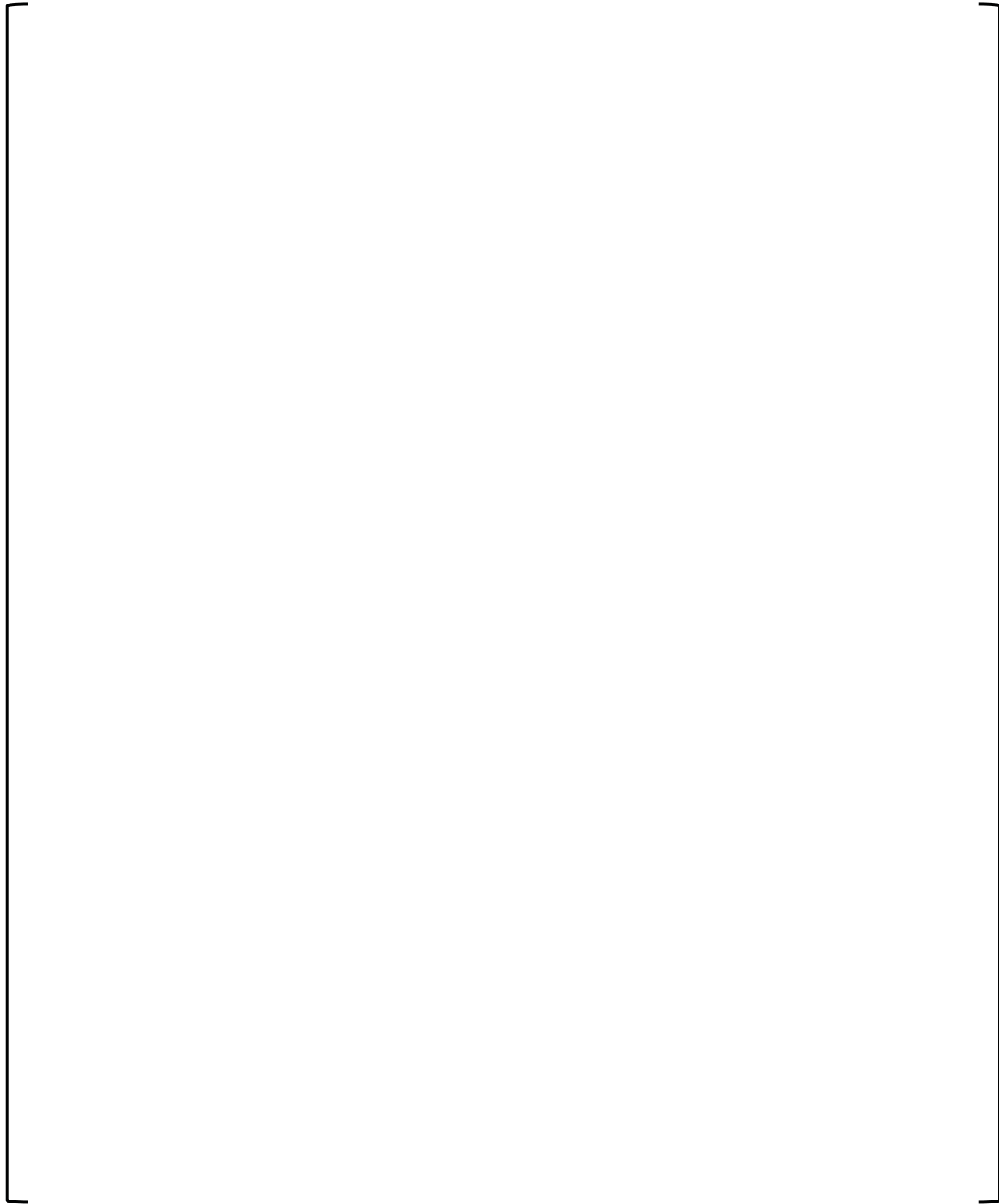
a, c



Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 19 of 51



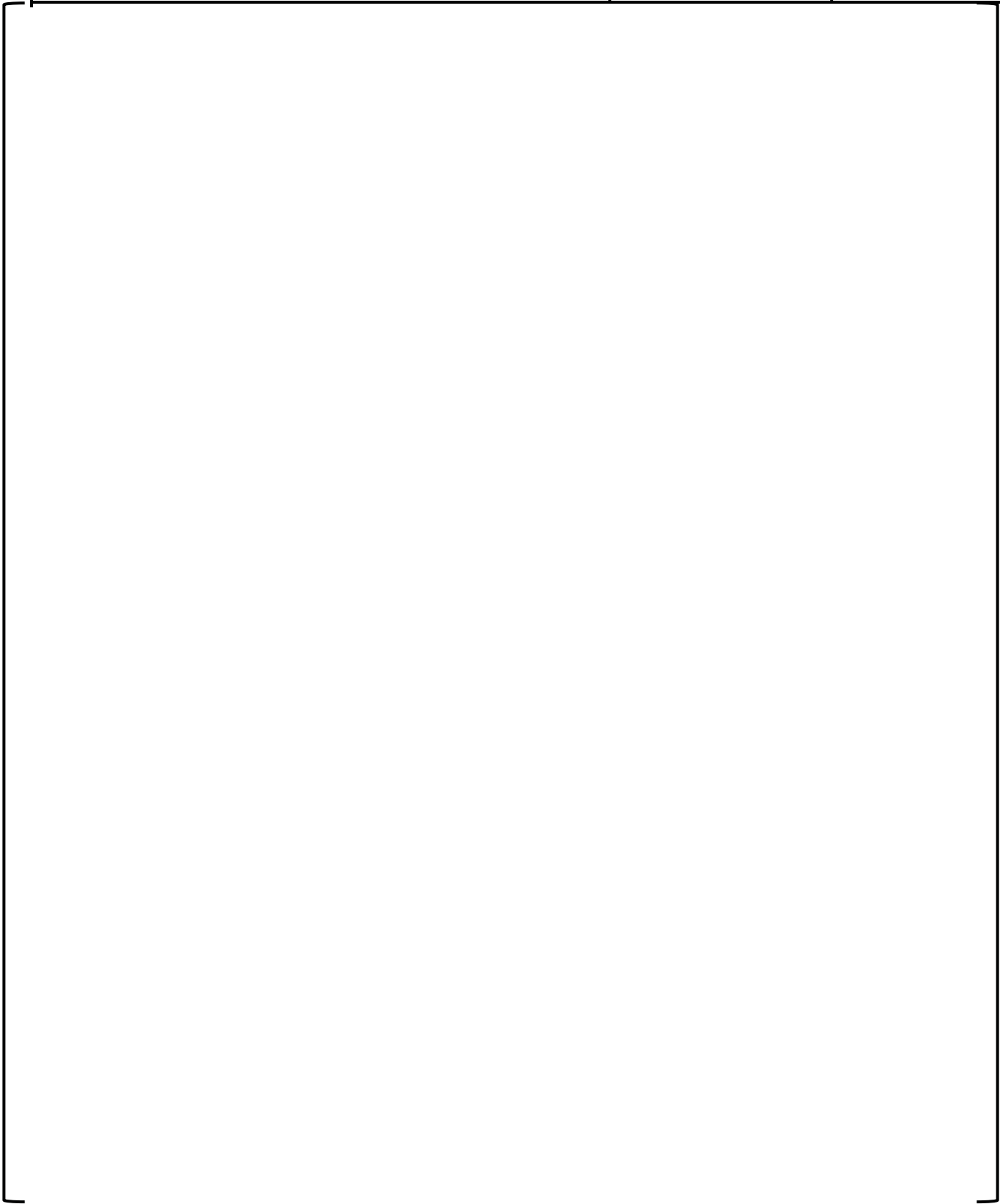
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	VOGTLE	Version H=0.7
	Unit 3	Page 20 of 51



a, c

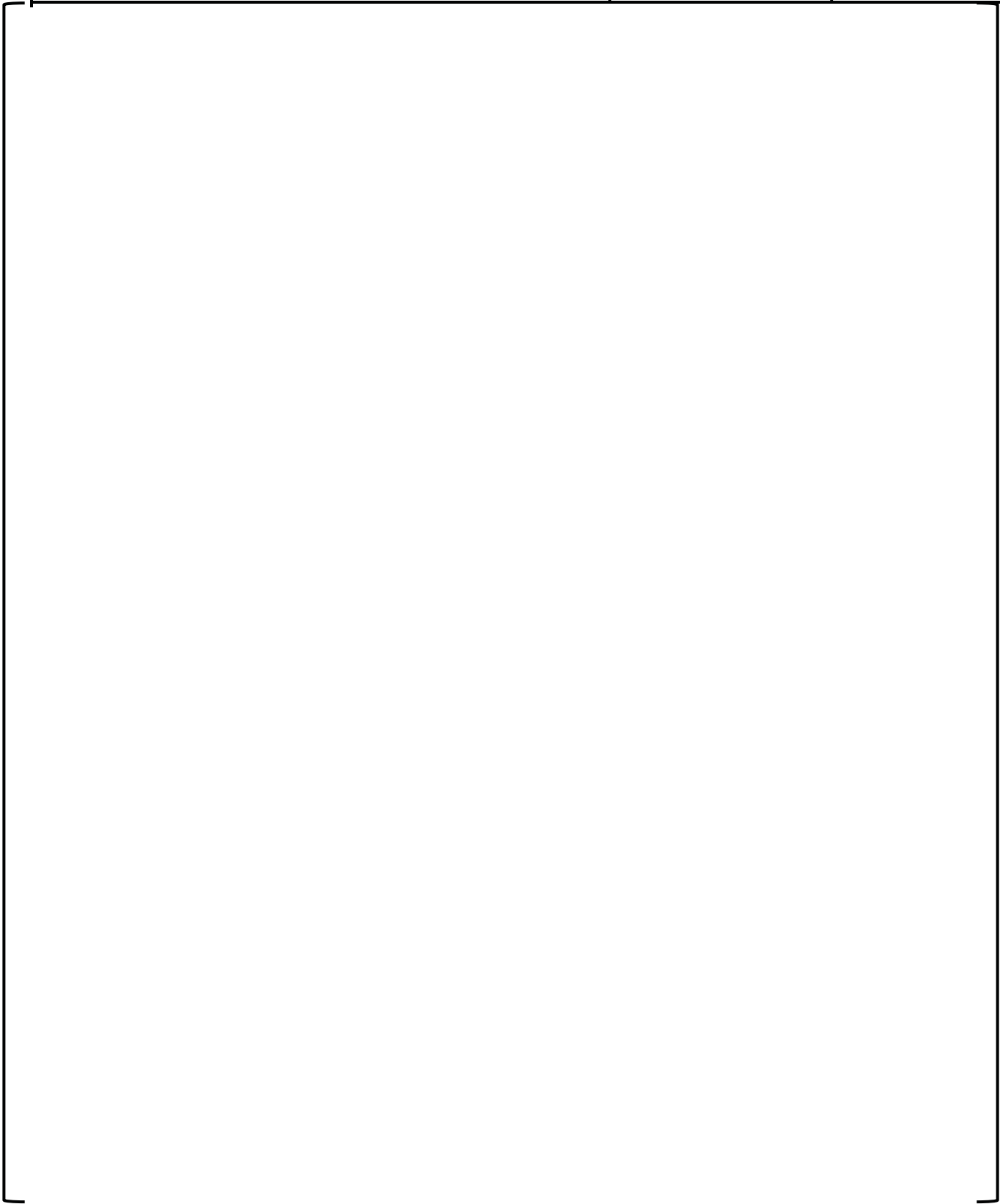
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 21 of 51

a, c

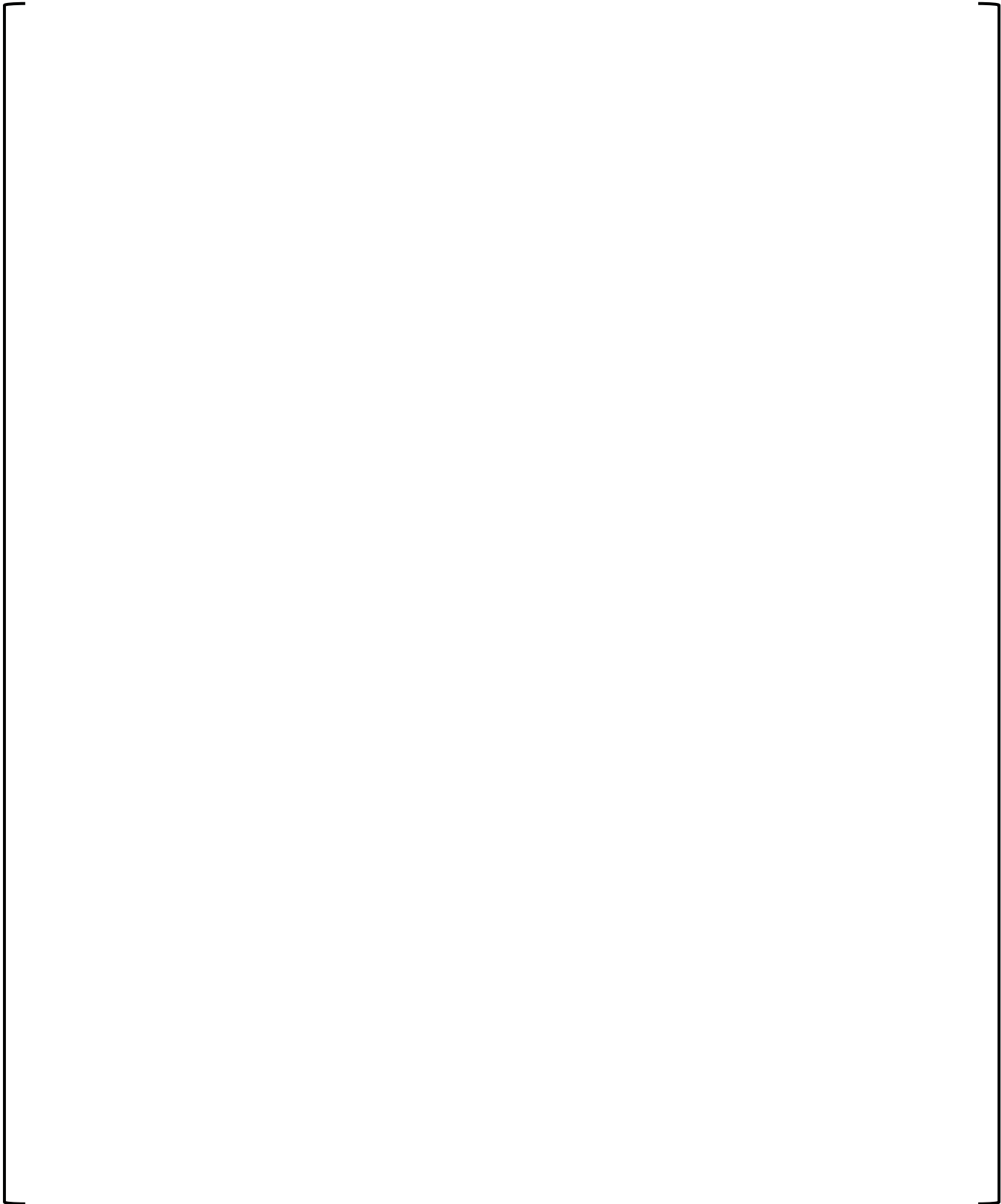


Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 22 of 51

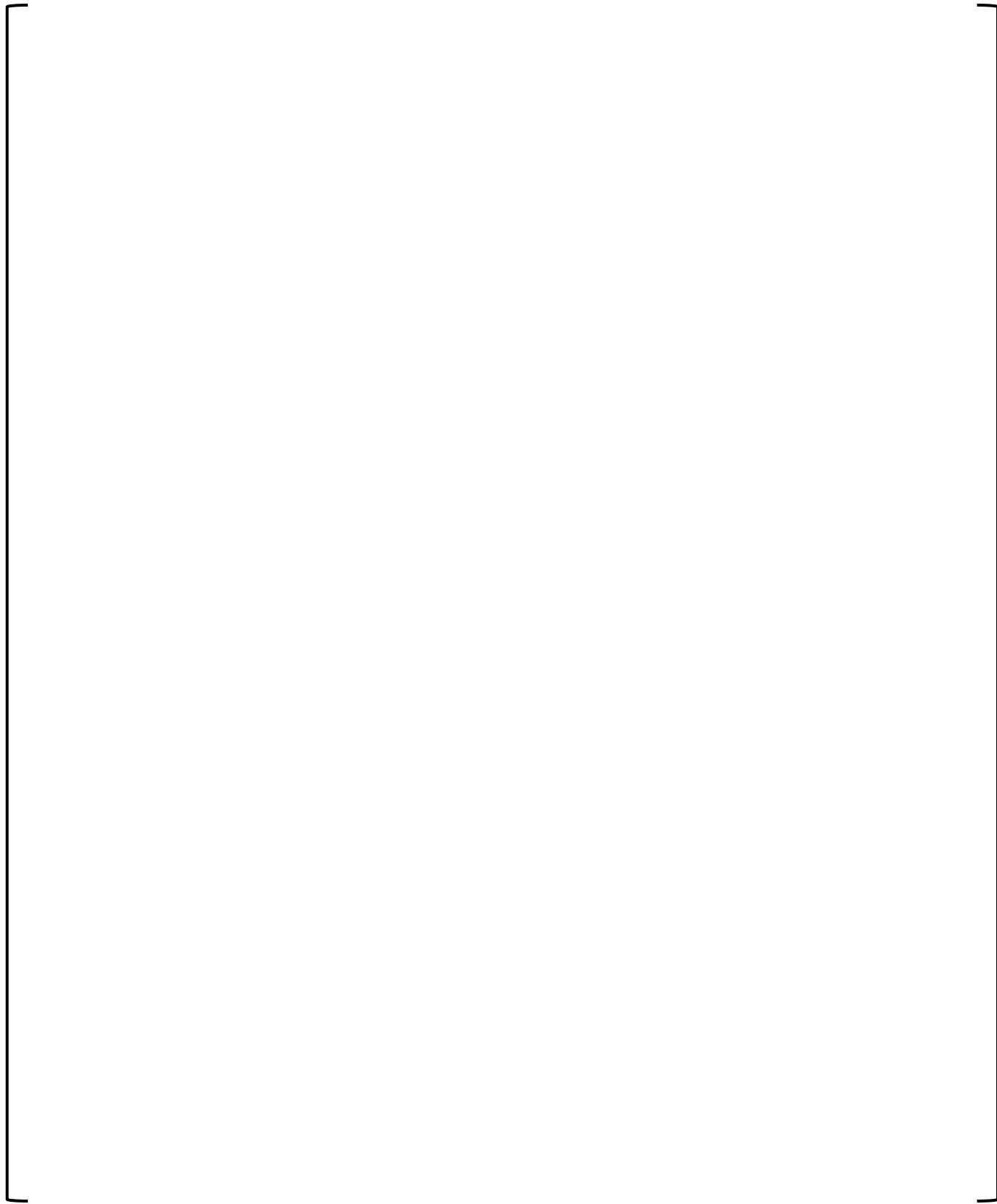
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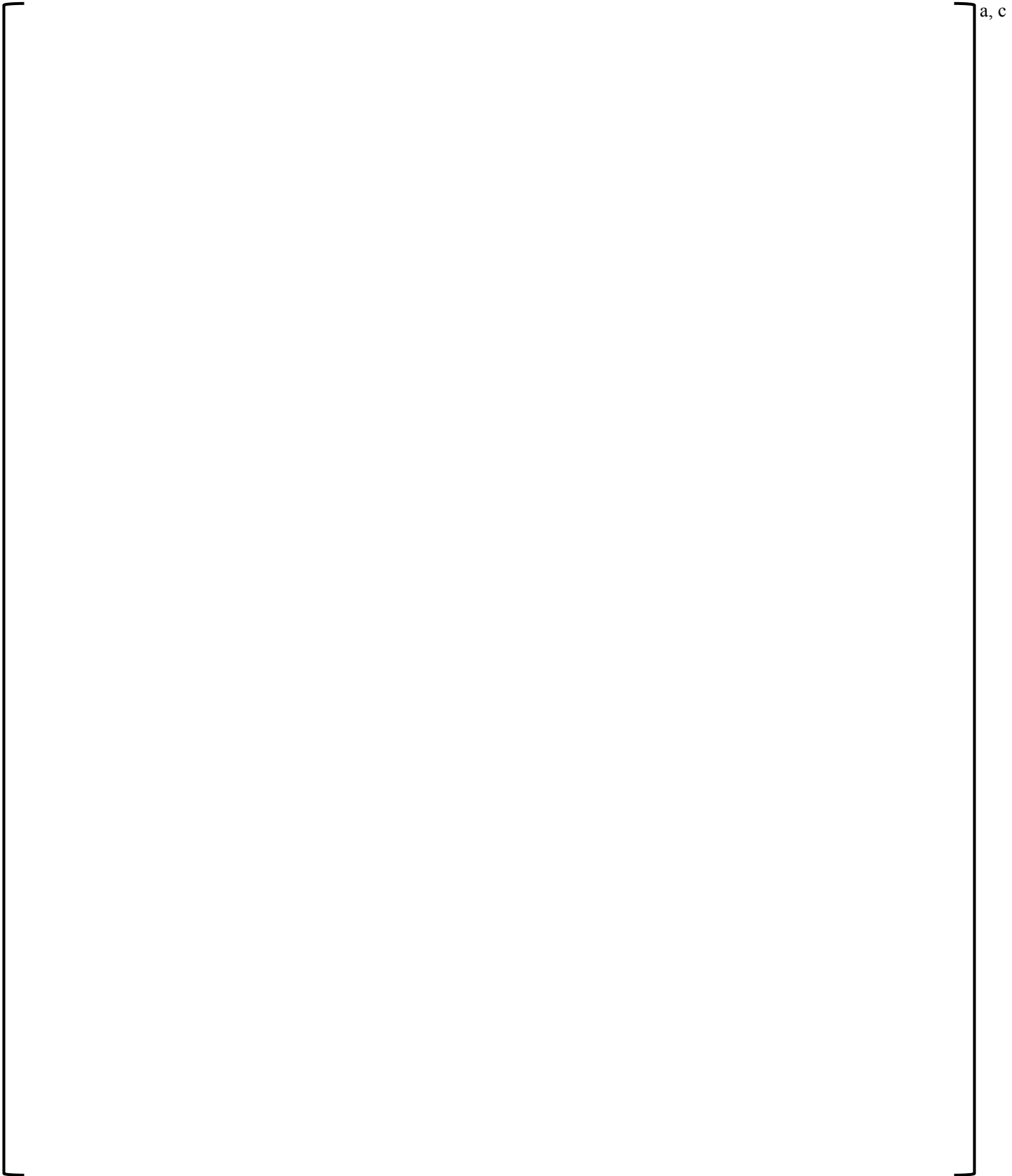
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	Unit 3	Page 23 of 51



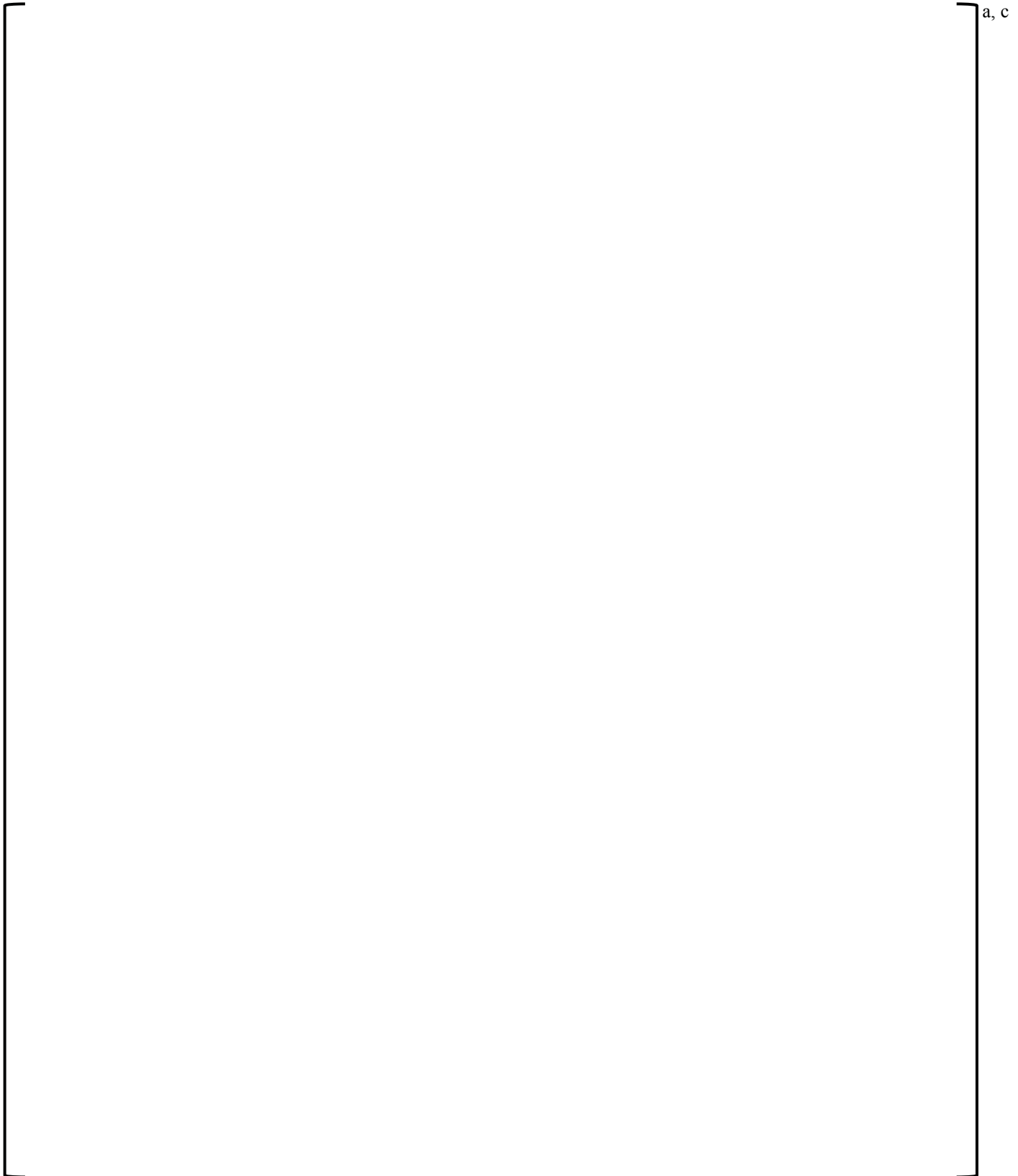
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	VOGTLE	Version H=0.7
	Unit 3	Page 24 of 51



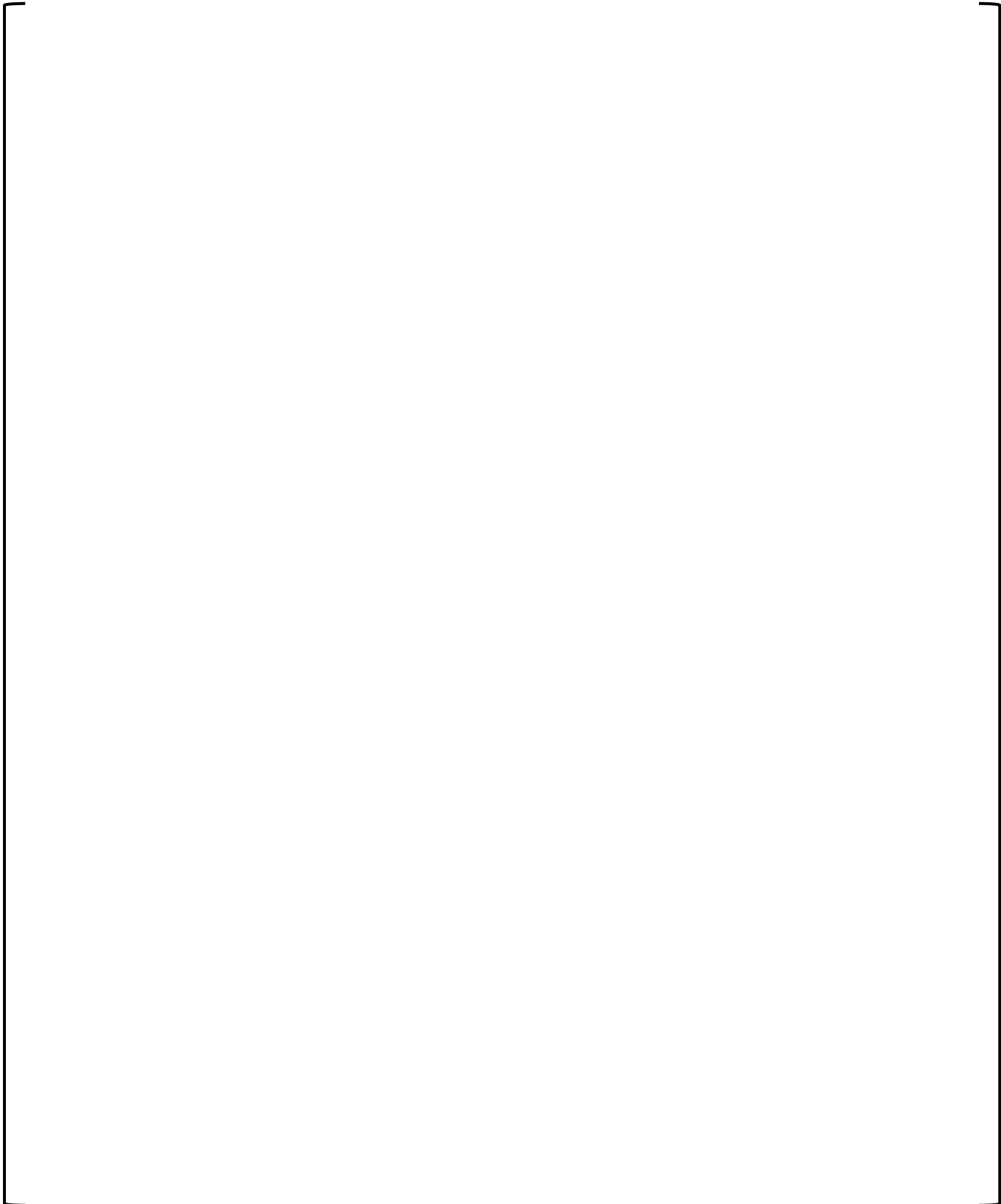
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	Unit 3	Page 25 of 51



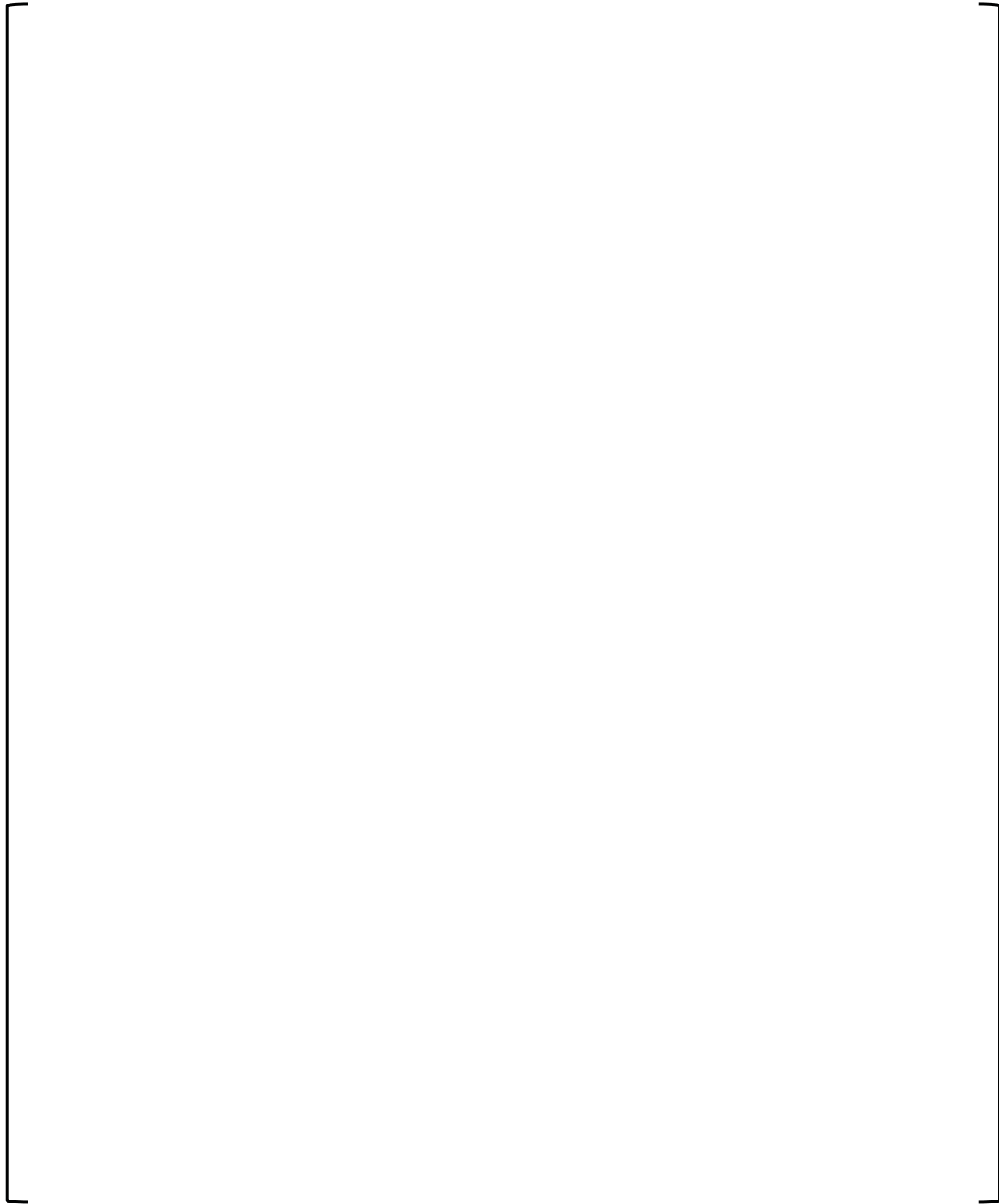
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	VOGTLE	Version H=0.7
	Unit 3	Page 26 of 51



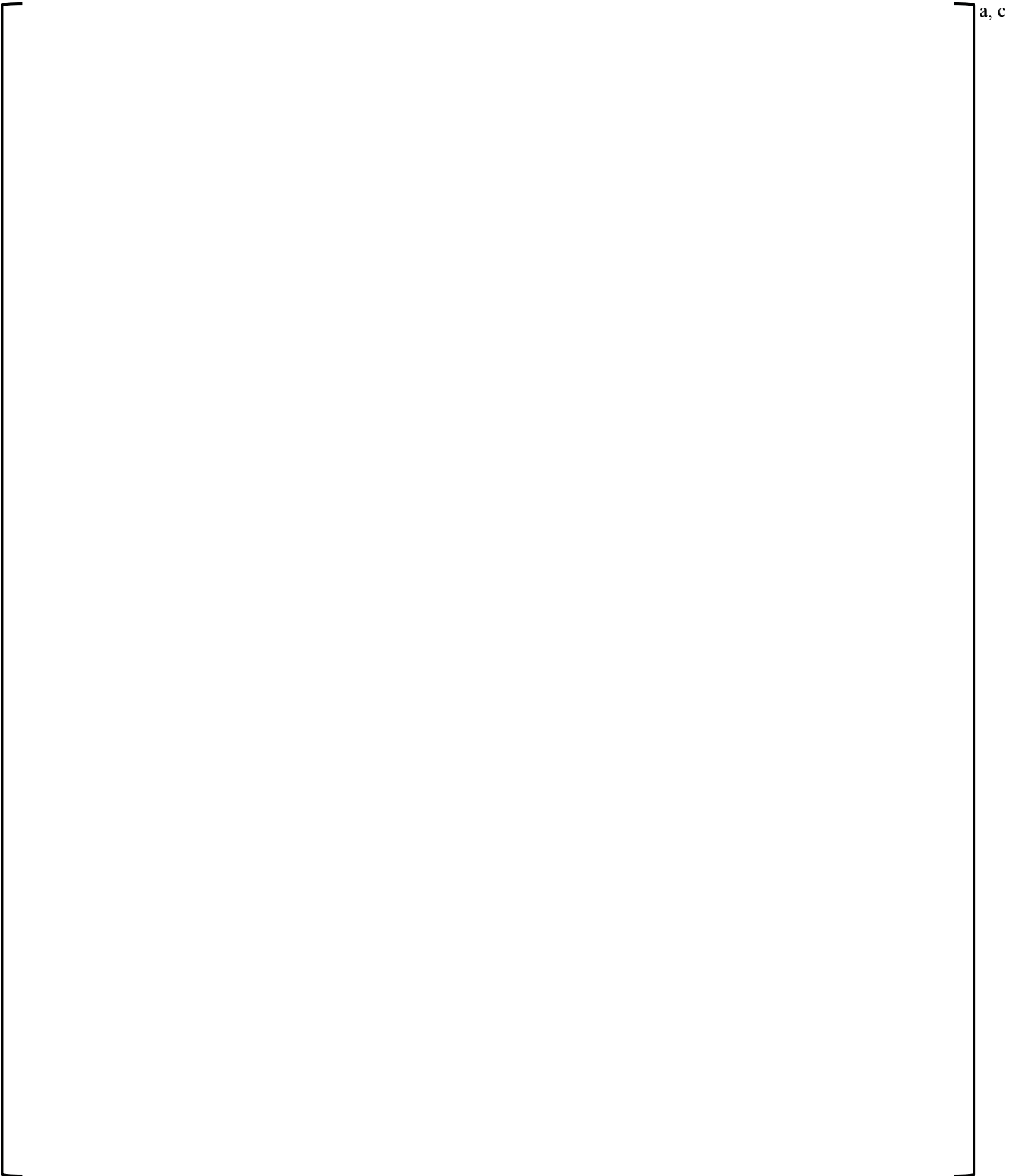
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	Unit 3	Page 27 of 51



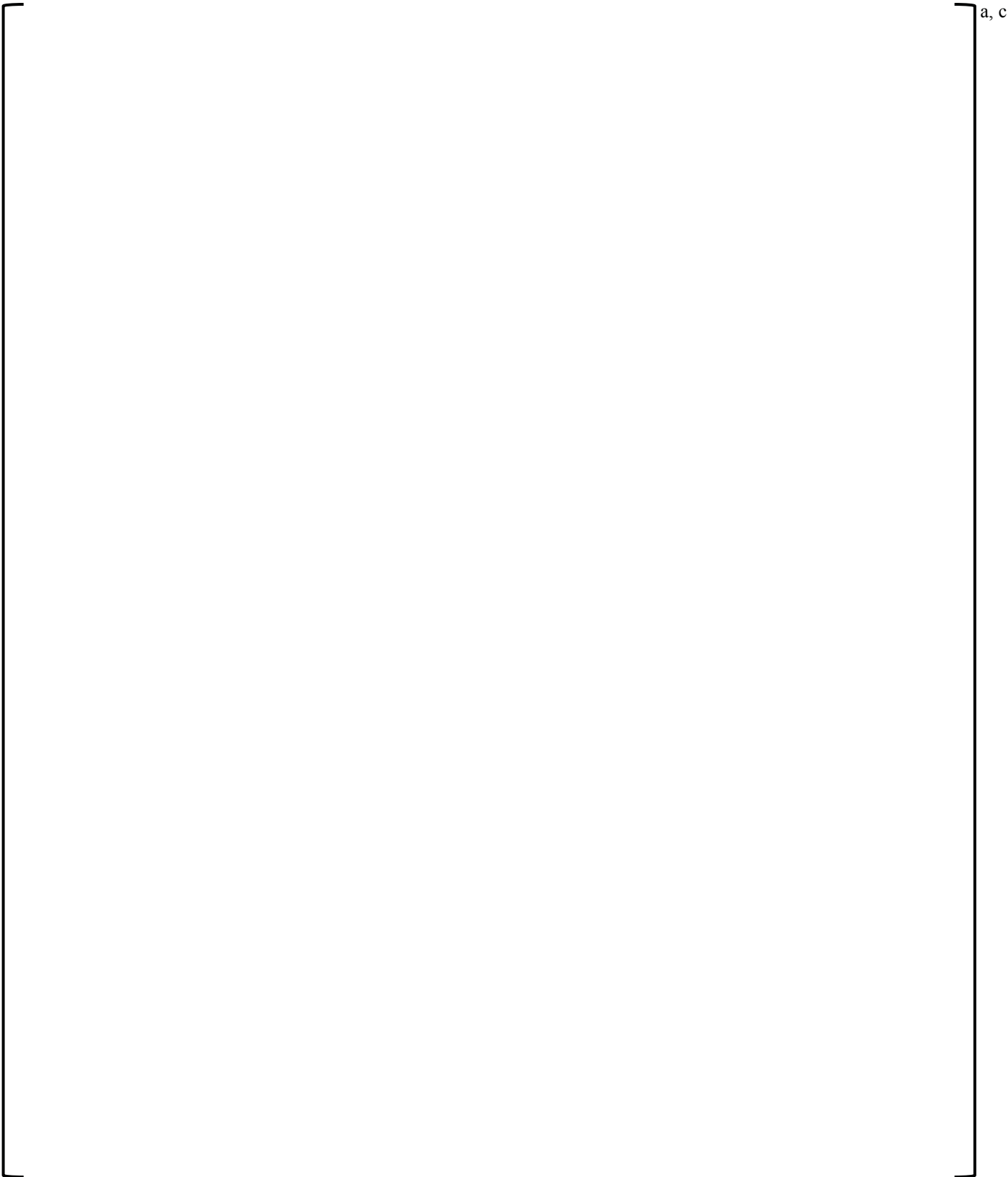
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	VOGTLE	Version H=0.7
	Unit 3	Page 28 of 51



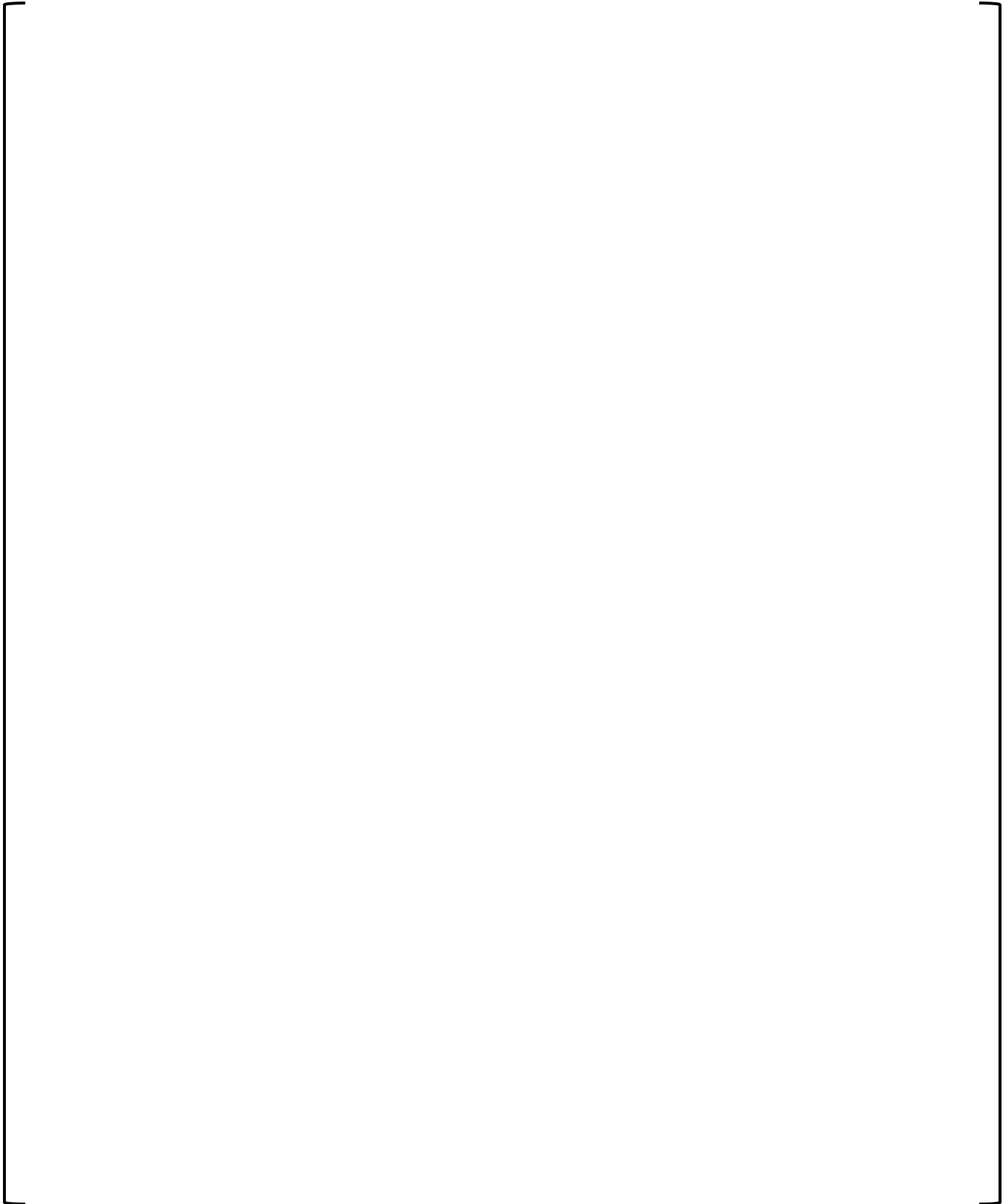
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	VOGTLE	Version H=0.7
	Unit 3	Page 29 of 51



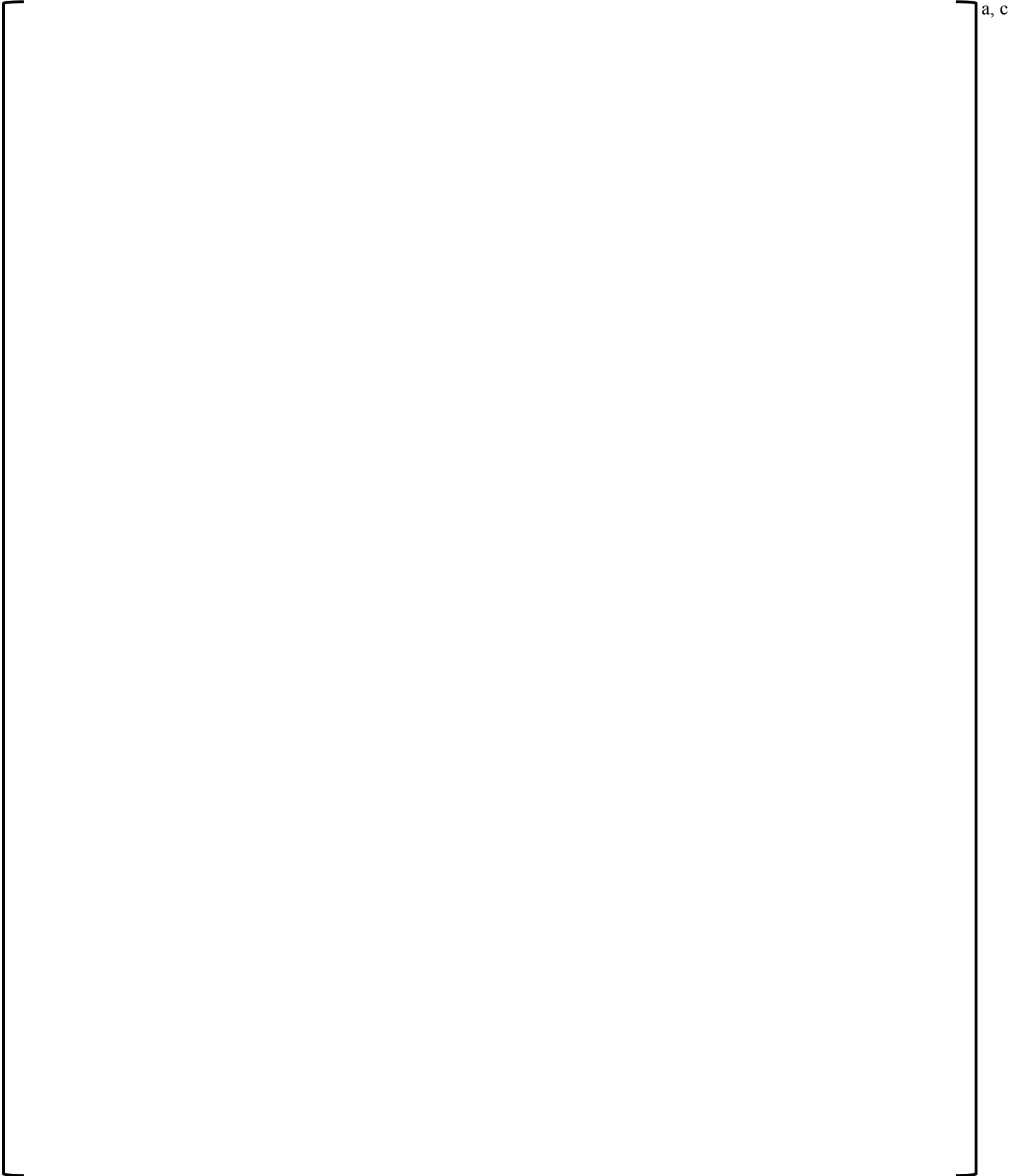
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	Unit 3	Page 30 of 51



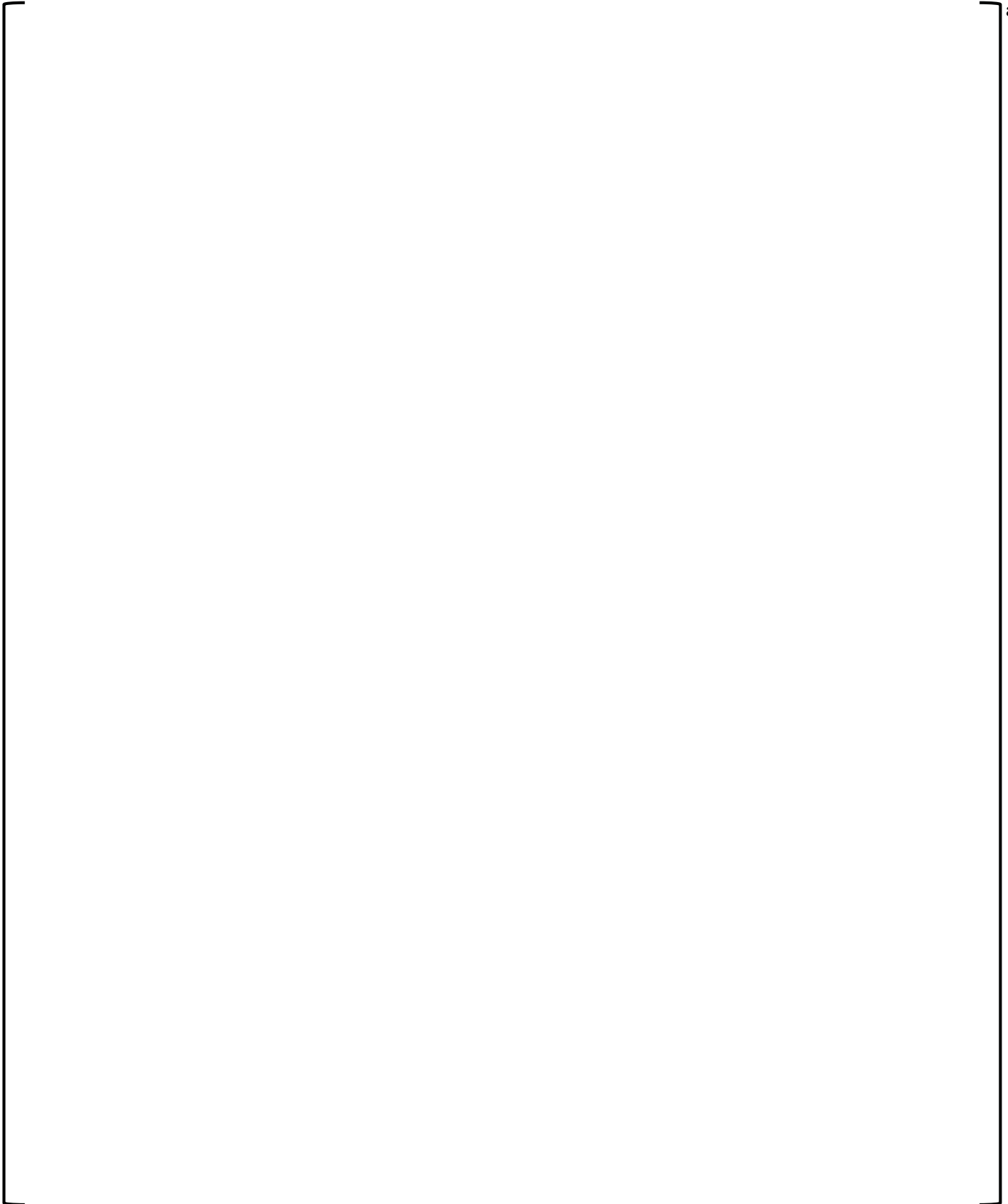
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 31 of 51



Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 32 of 51

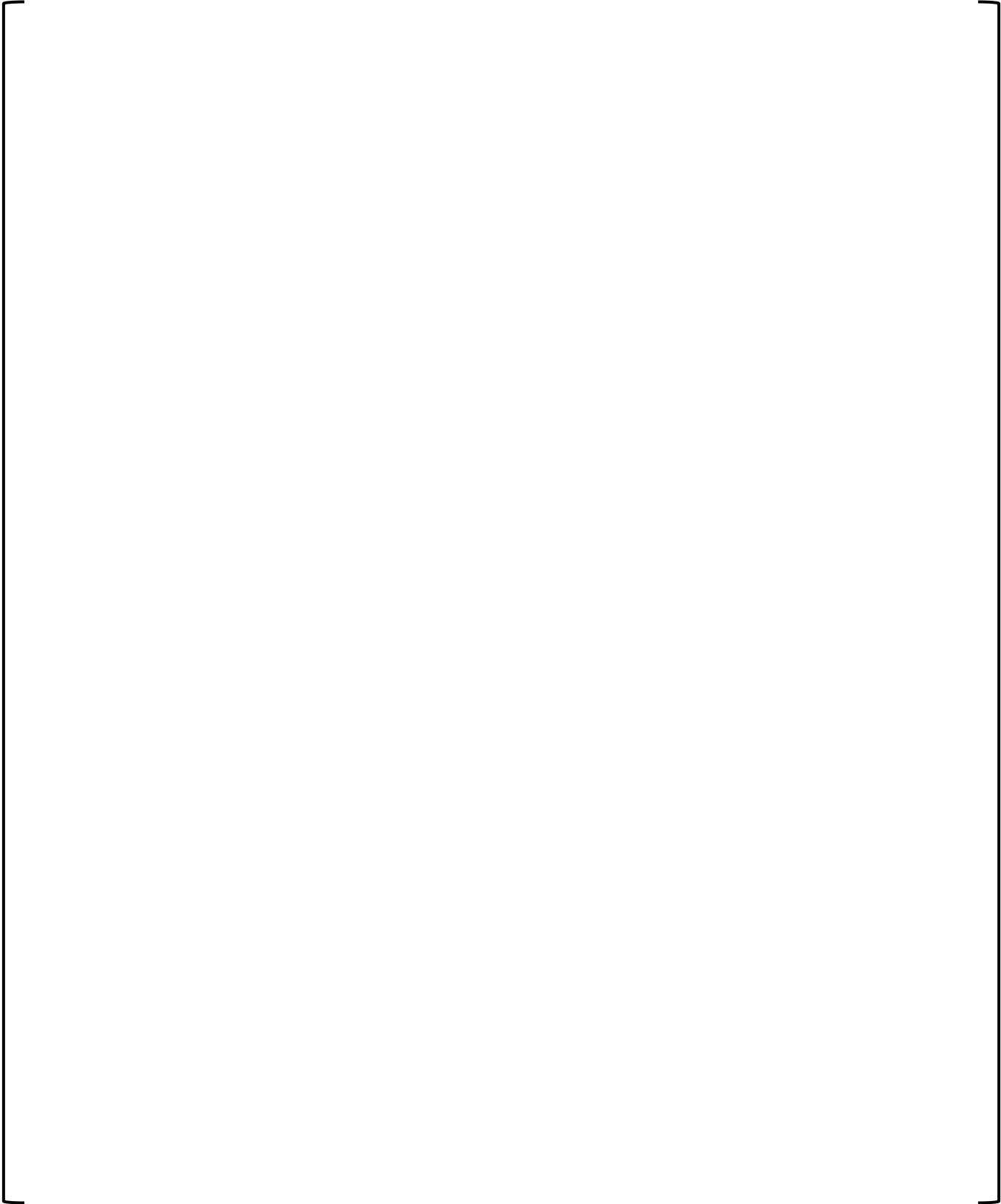


Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 33 of 51

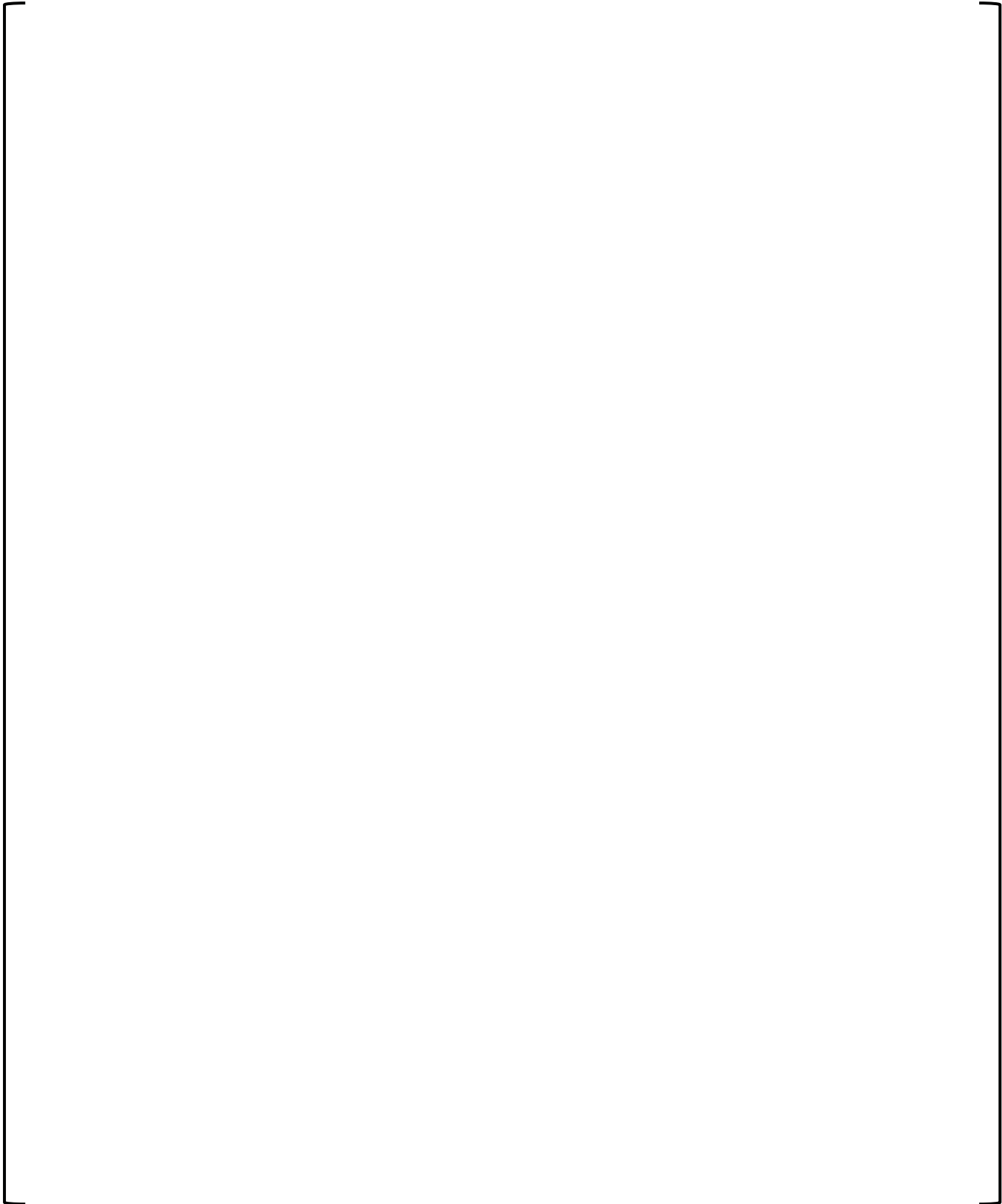


a, c

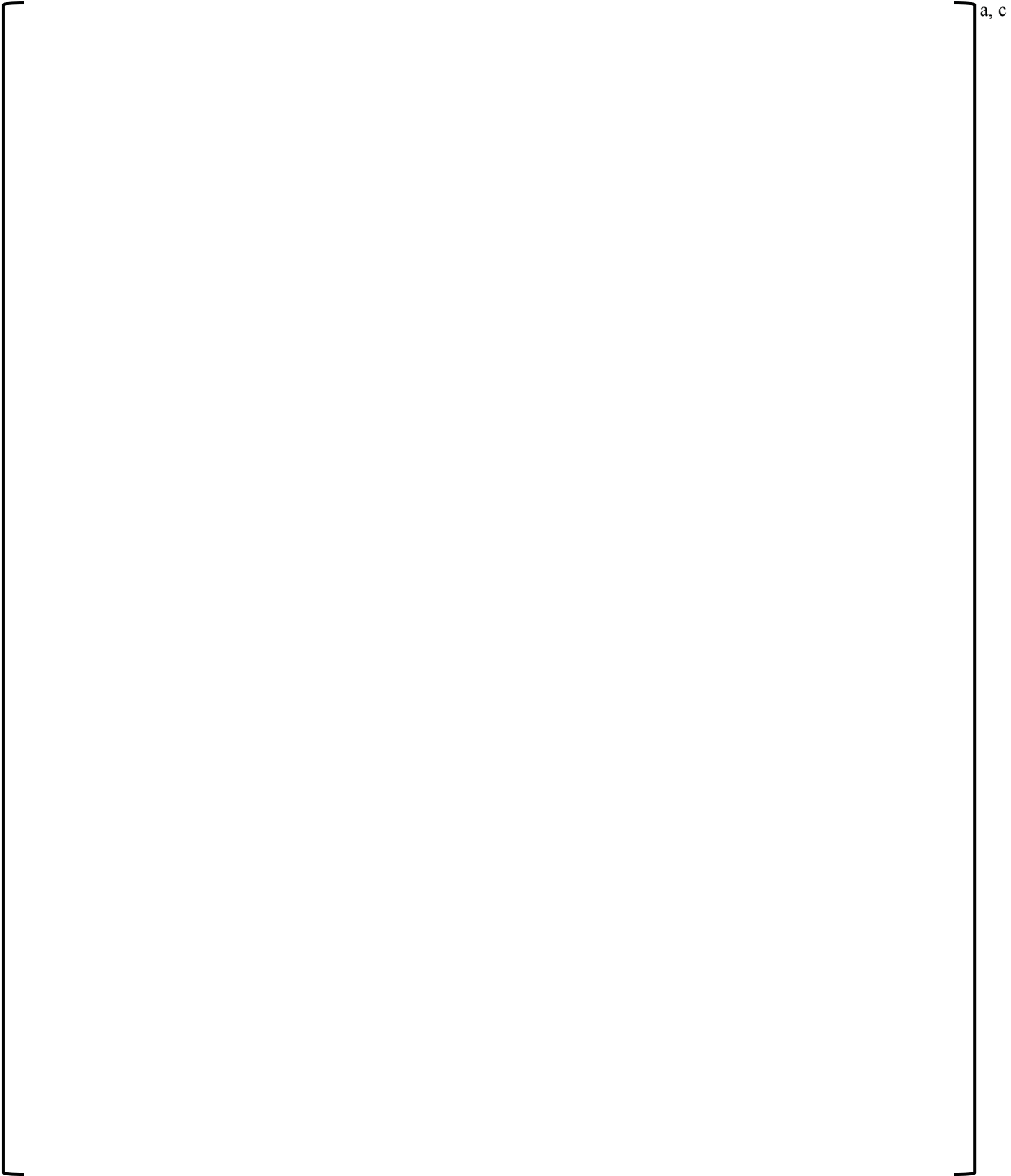
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 34 of 51



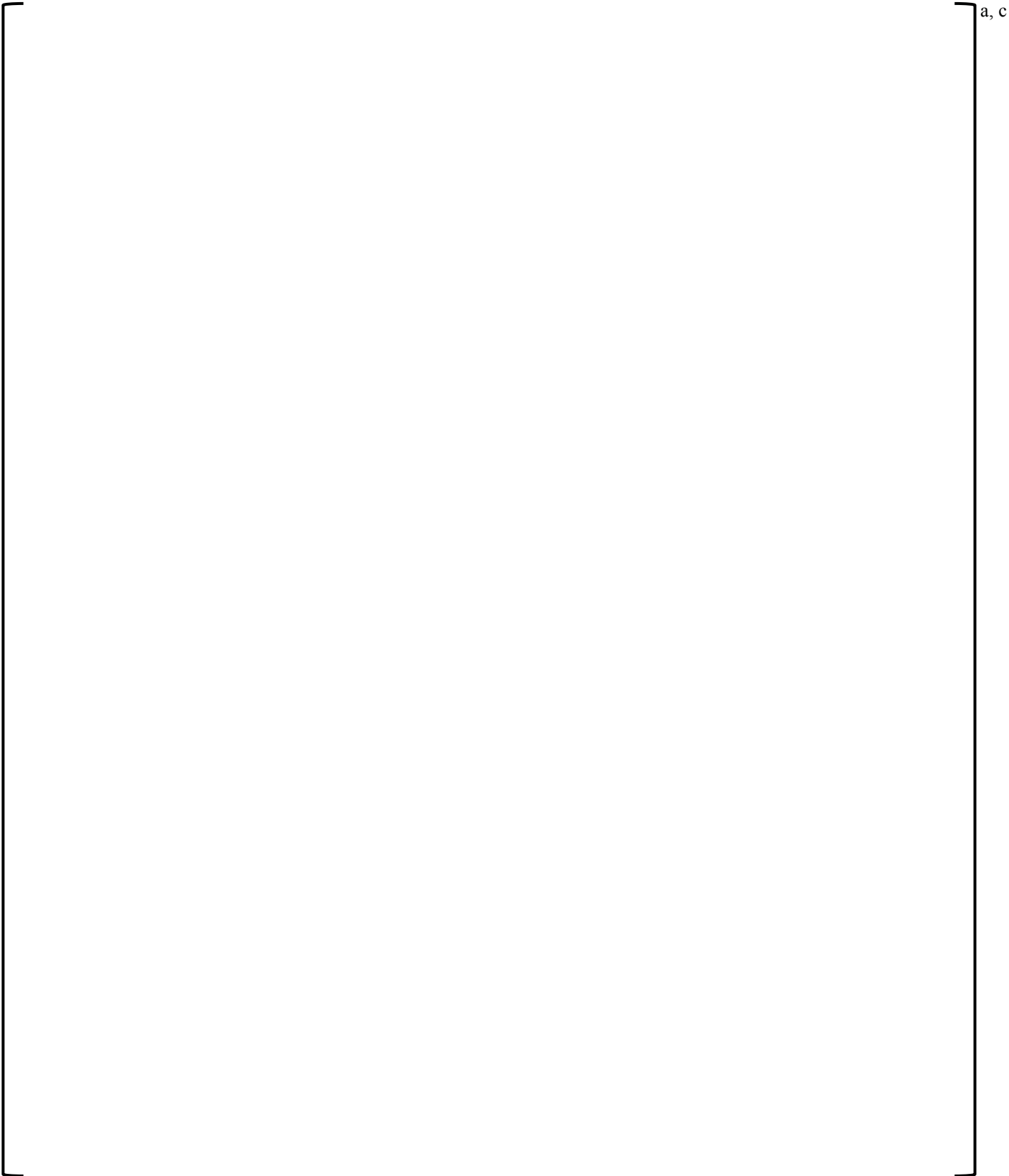
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 35 of 51



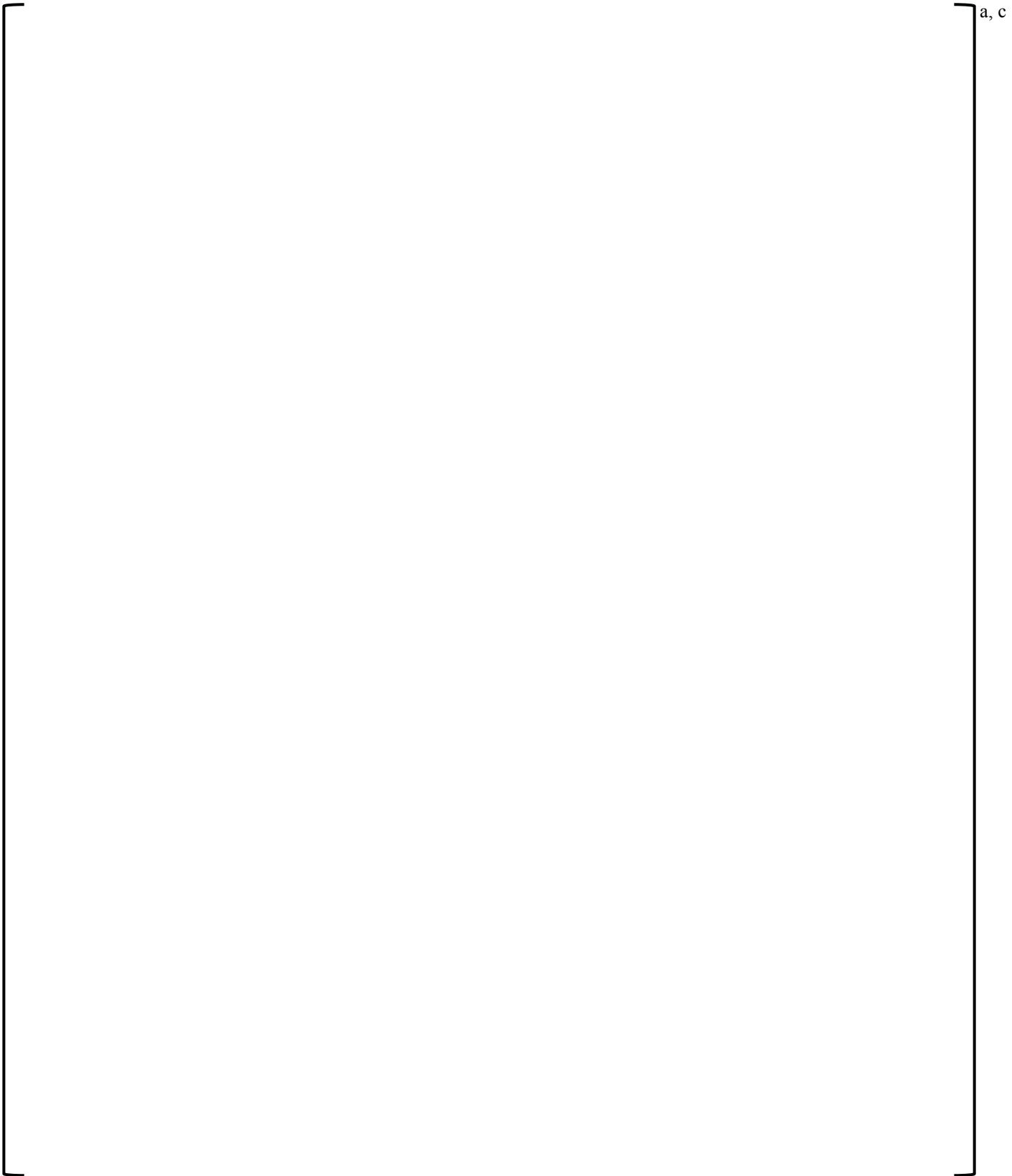
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 36 of 51



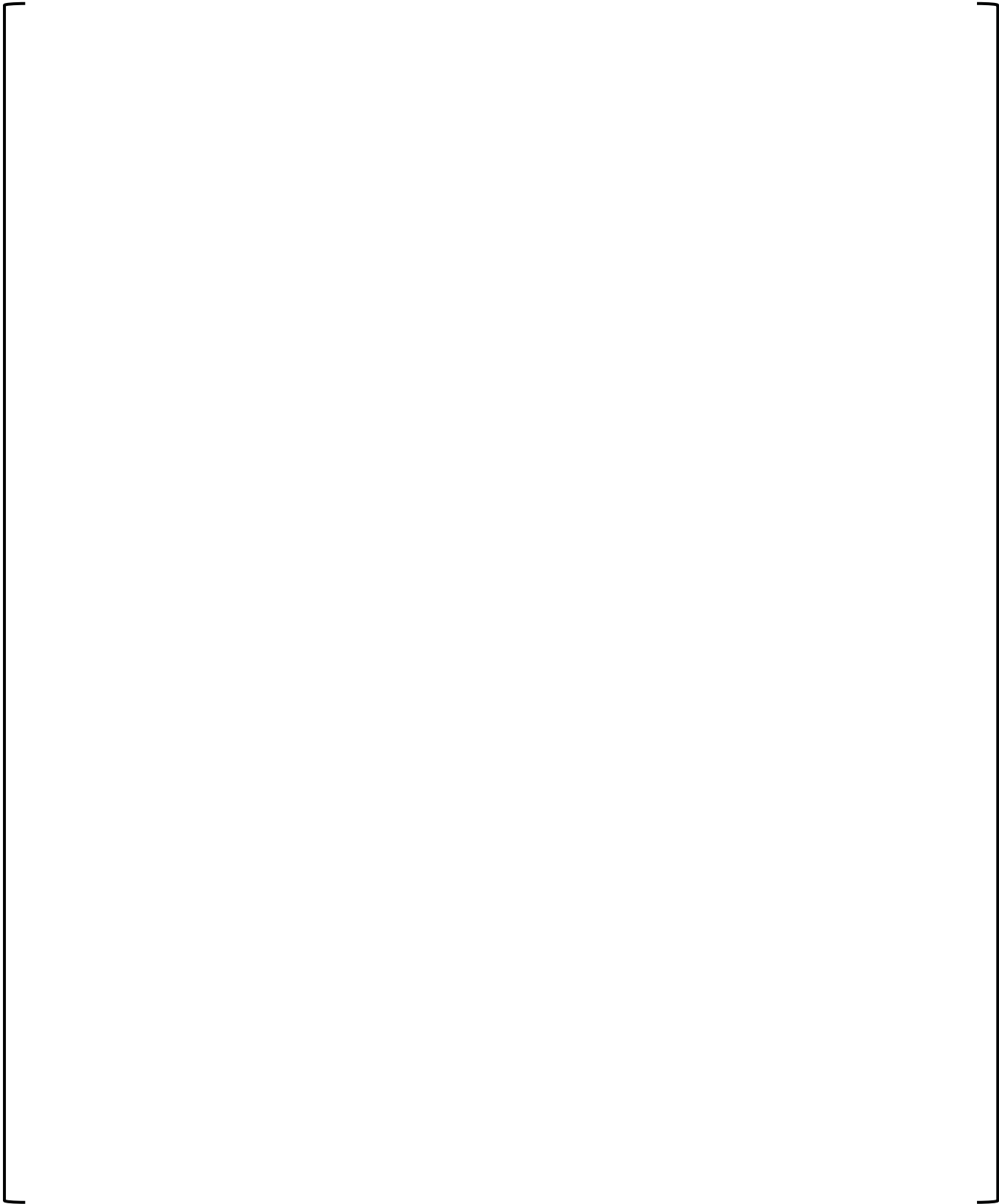
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 37 of 51



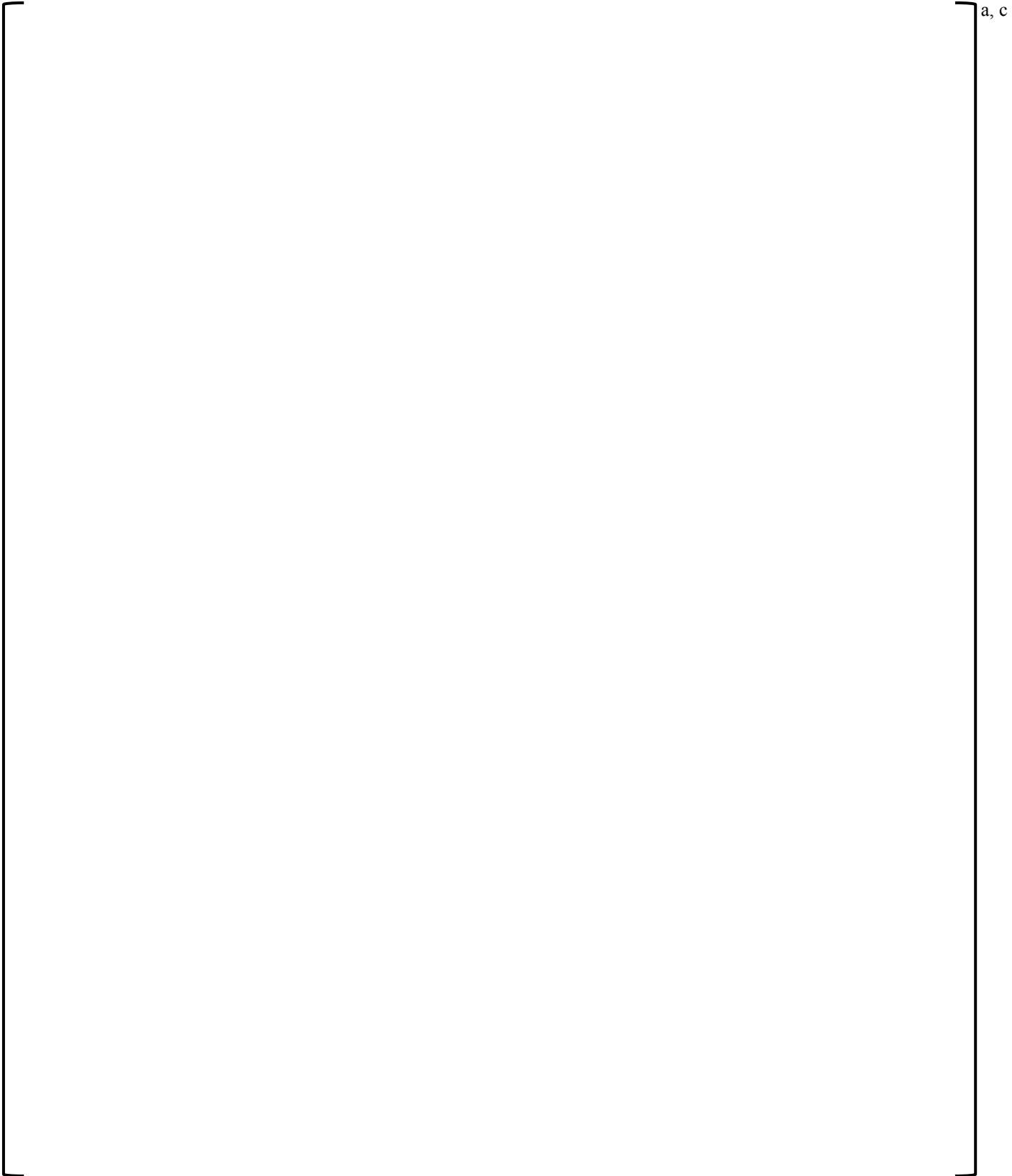
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 38 of 51



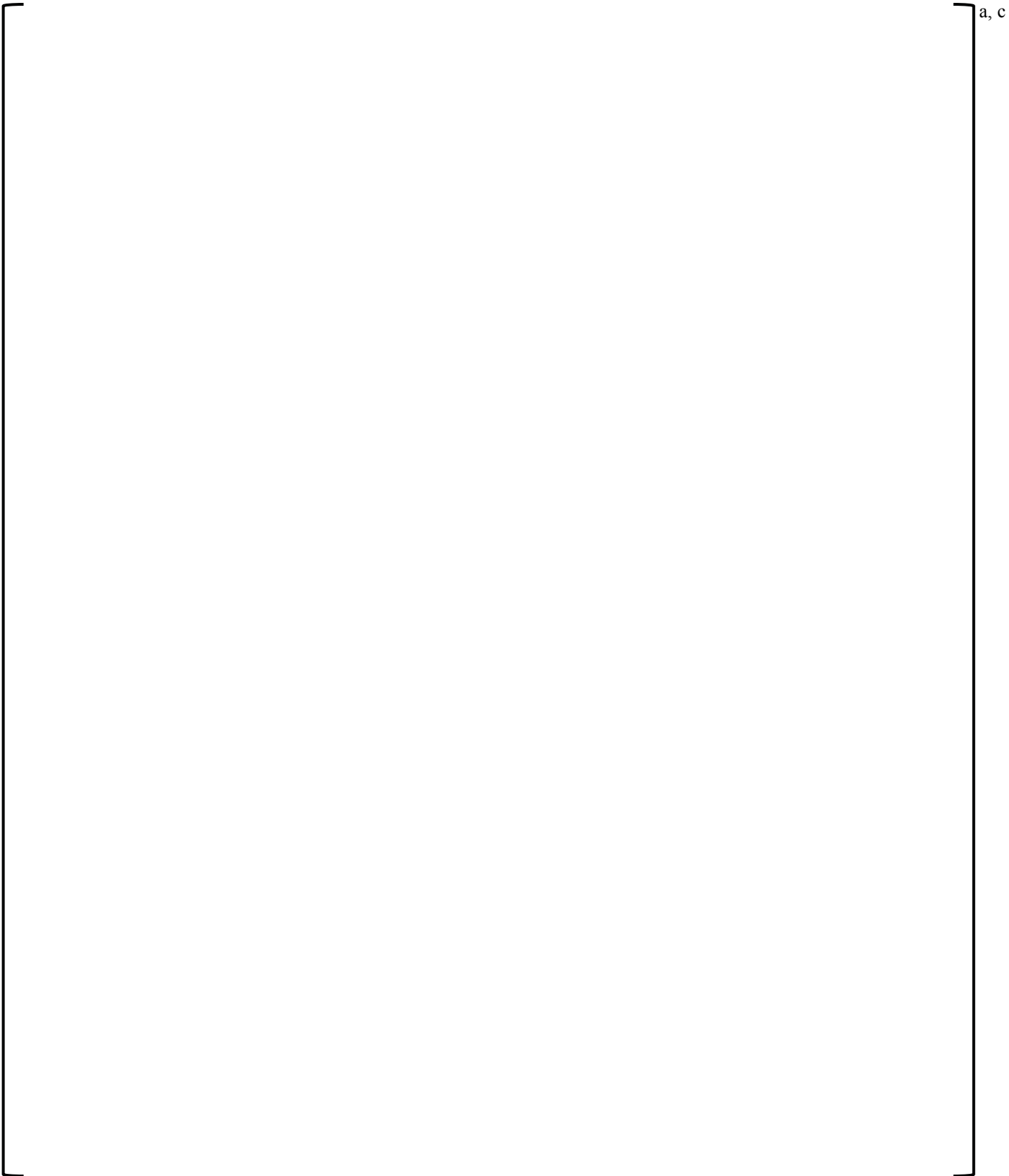
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 39 of 51



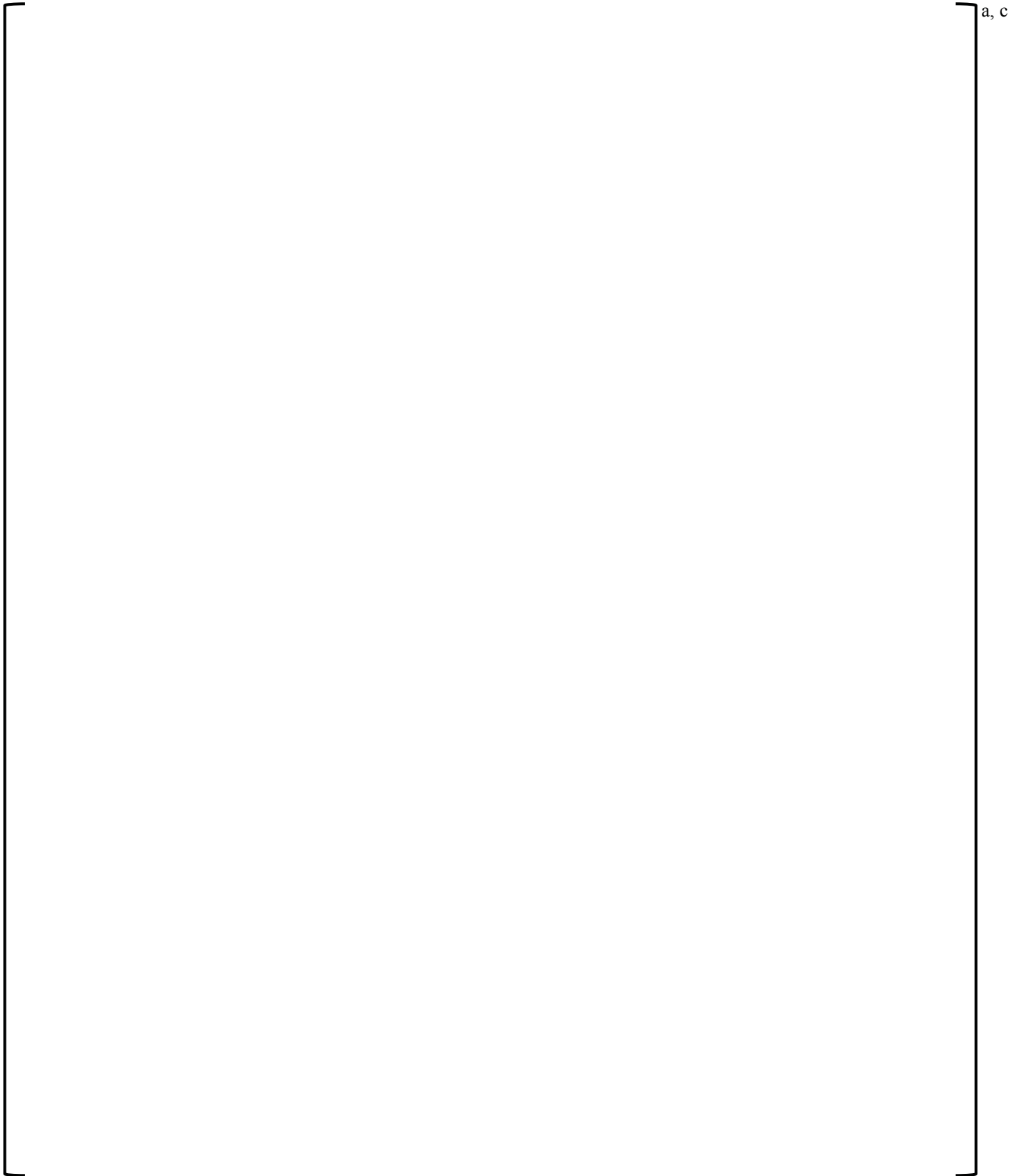
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 40 of 51



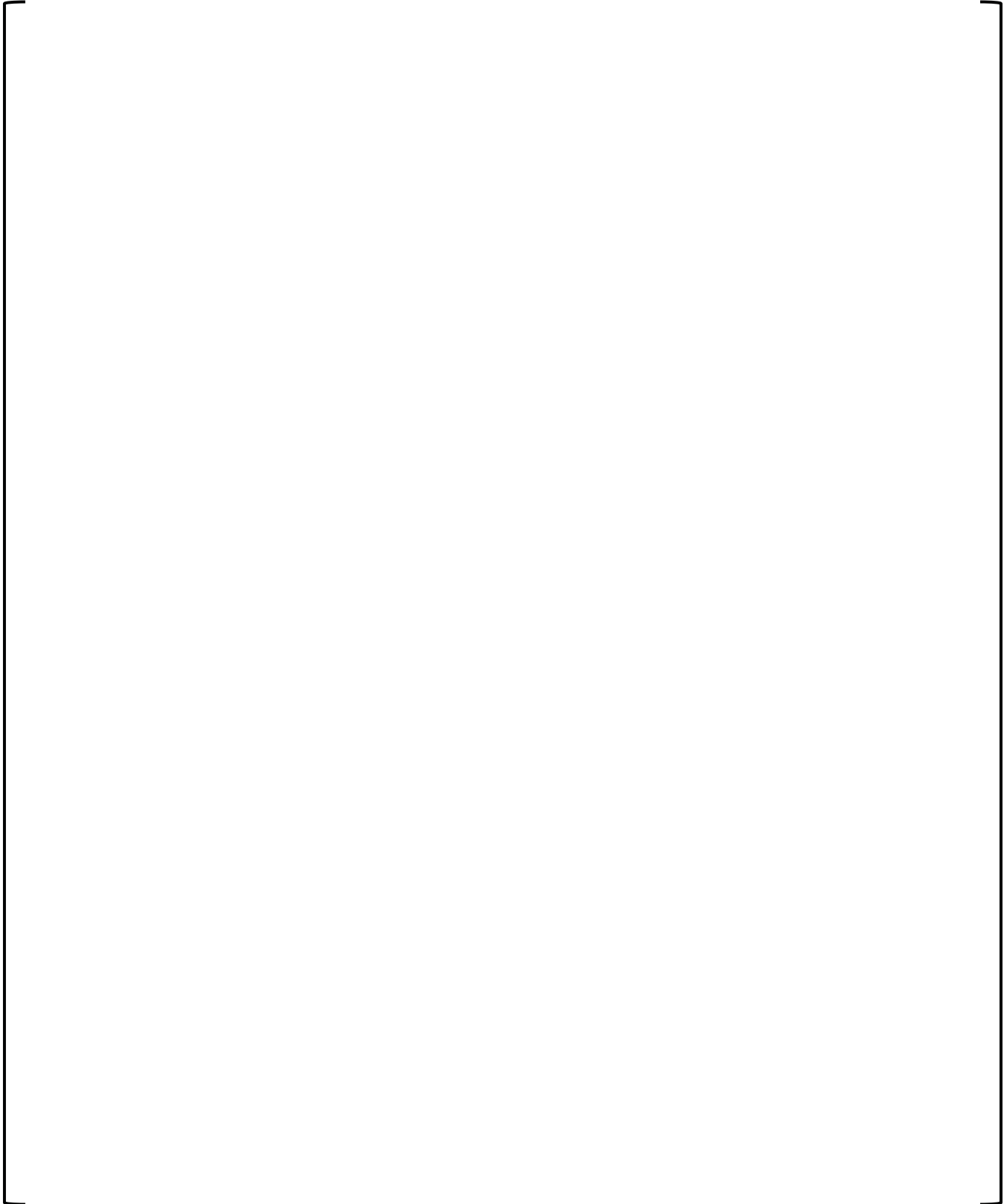
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 41 of 51



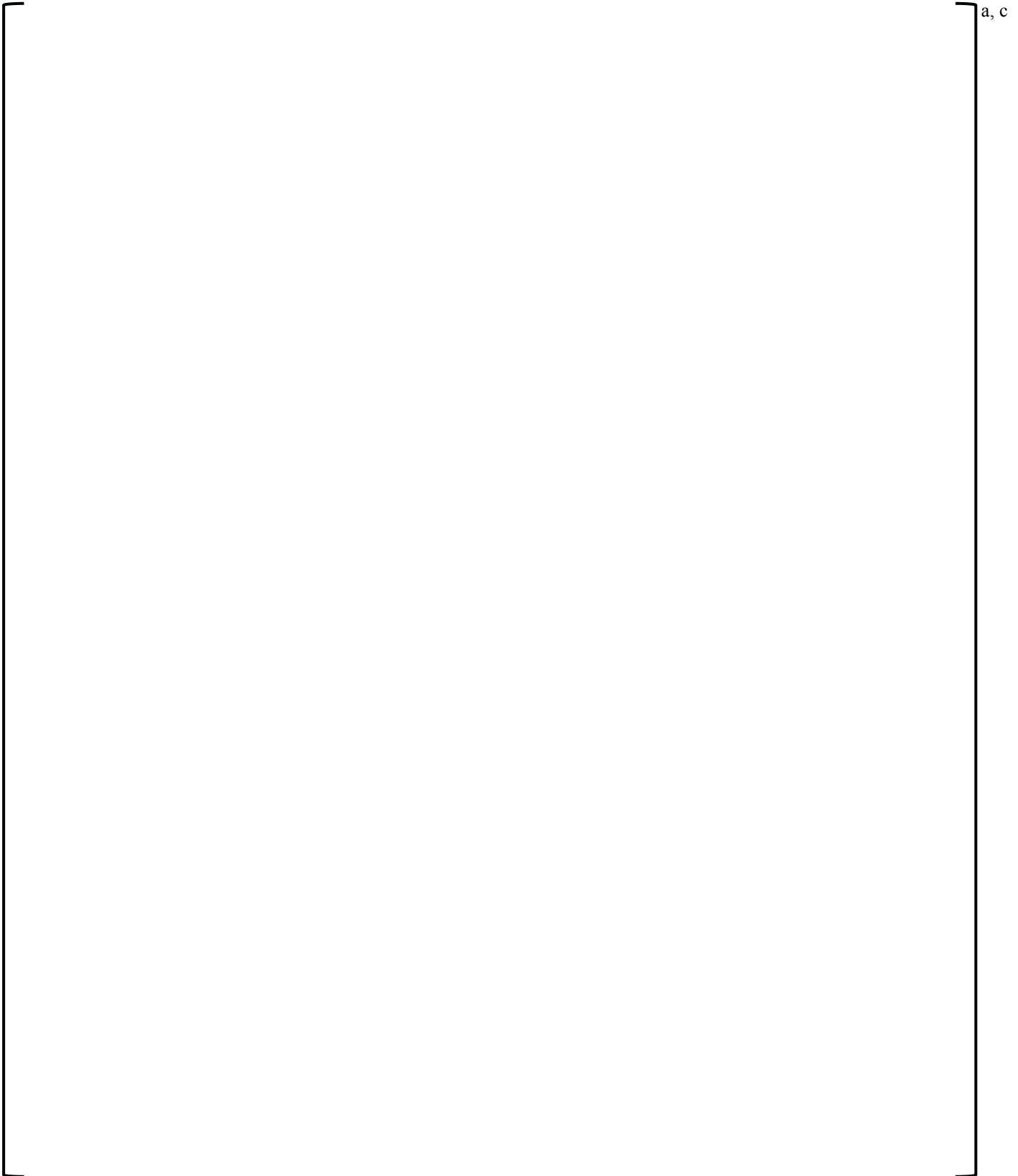
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 42 of 51



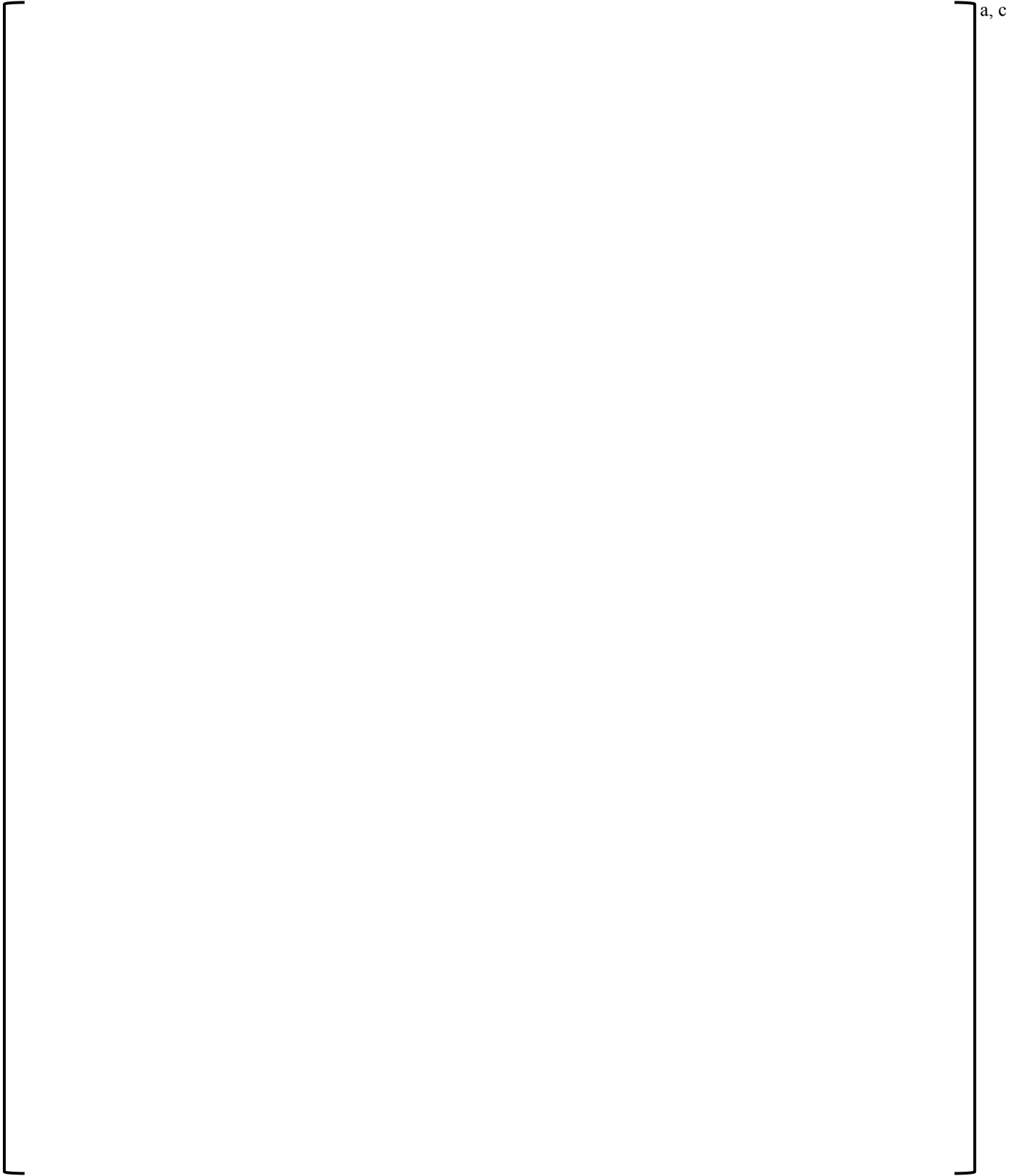
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 43 of 51



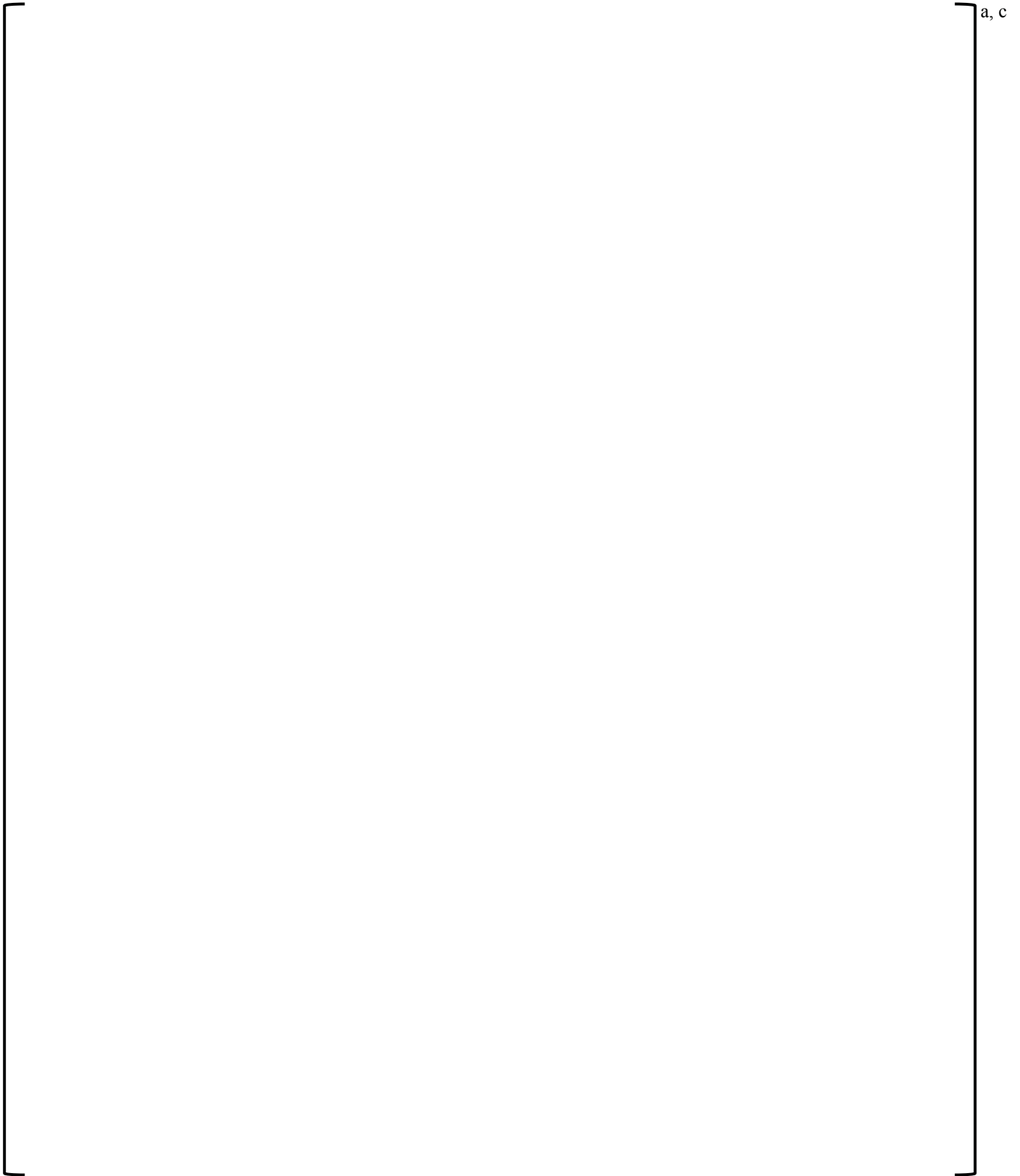
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 44 of 51



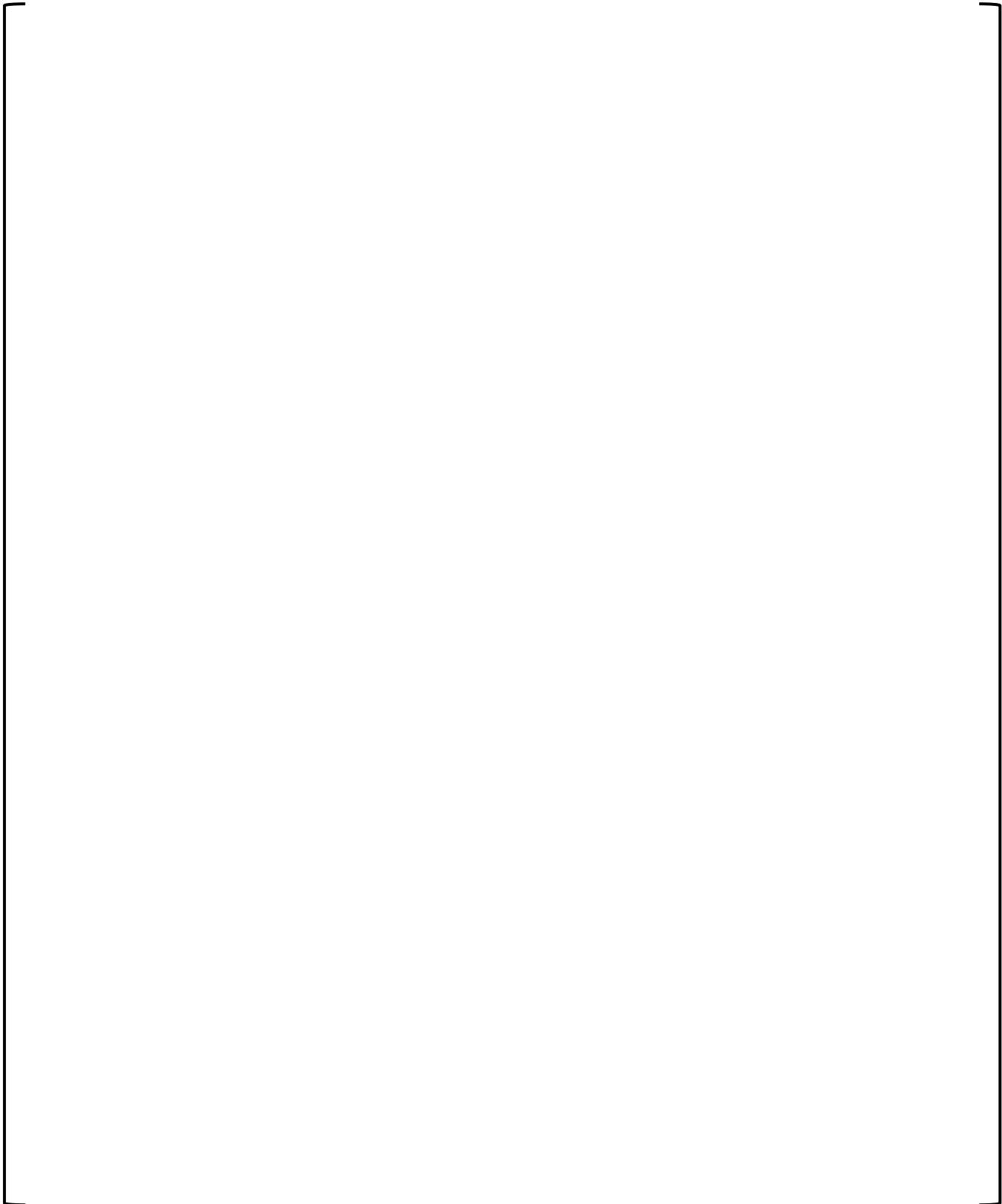
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 45 of 51



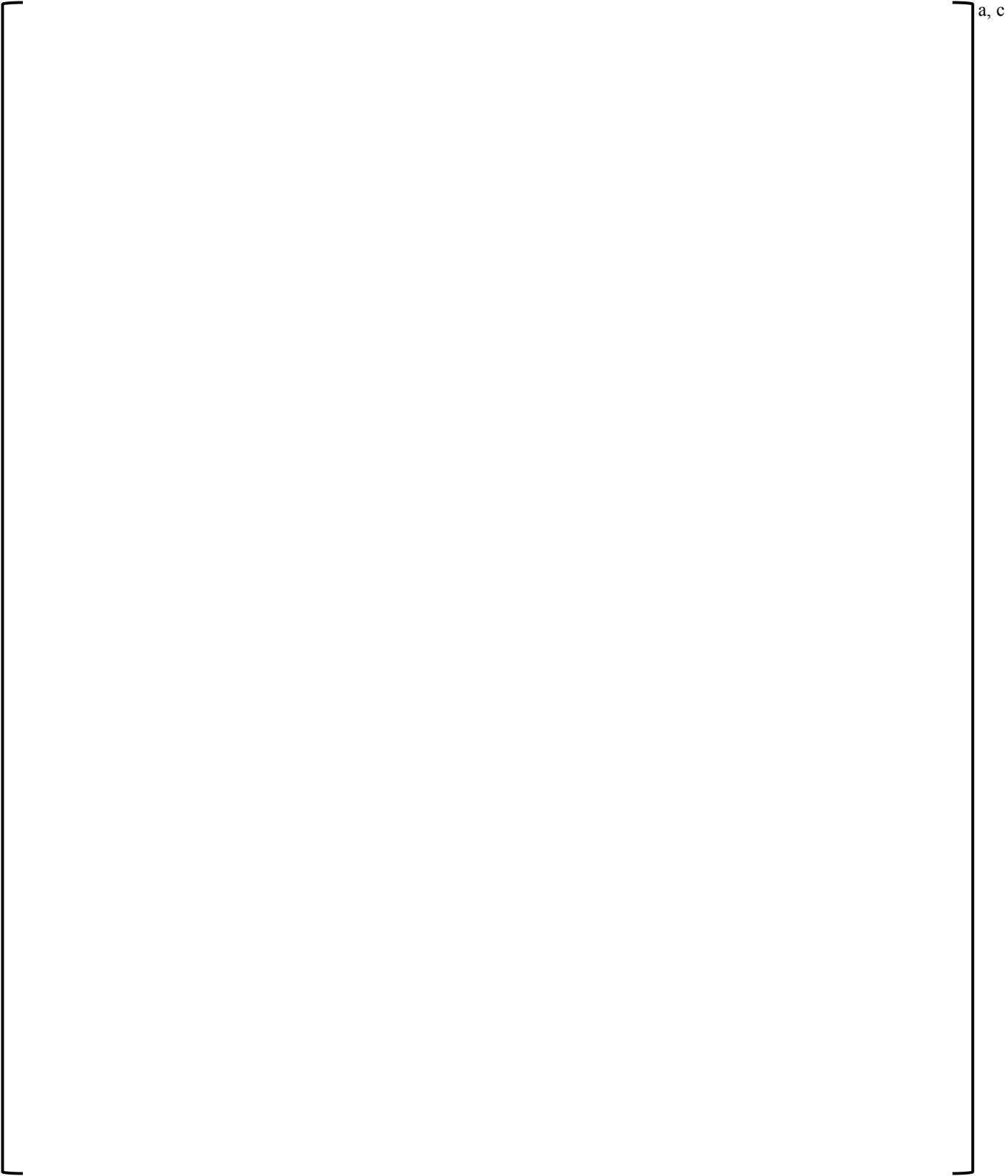
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 46 of 51



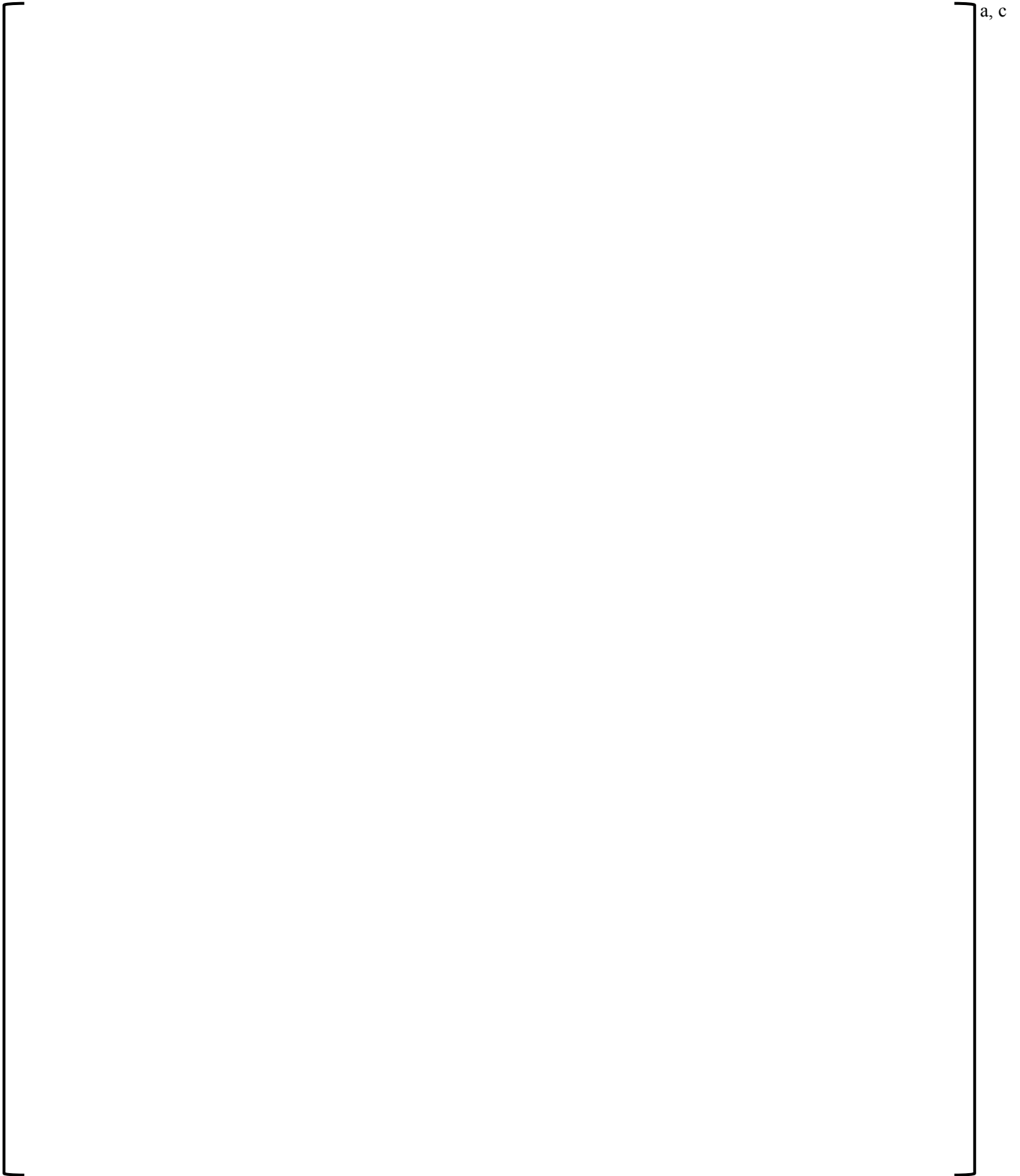
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 47 of 51



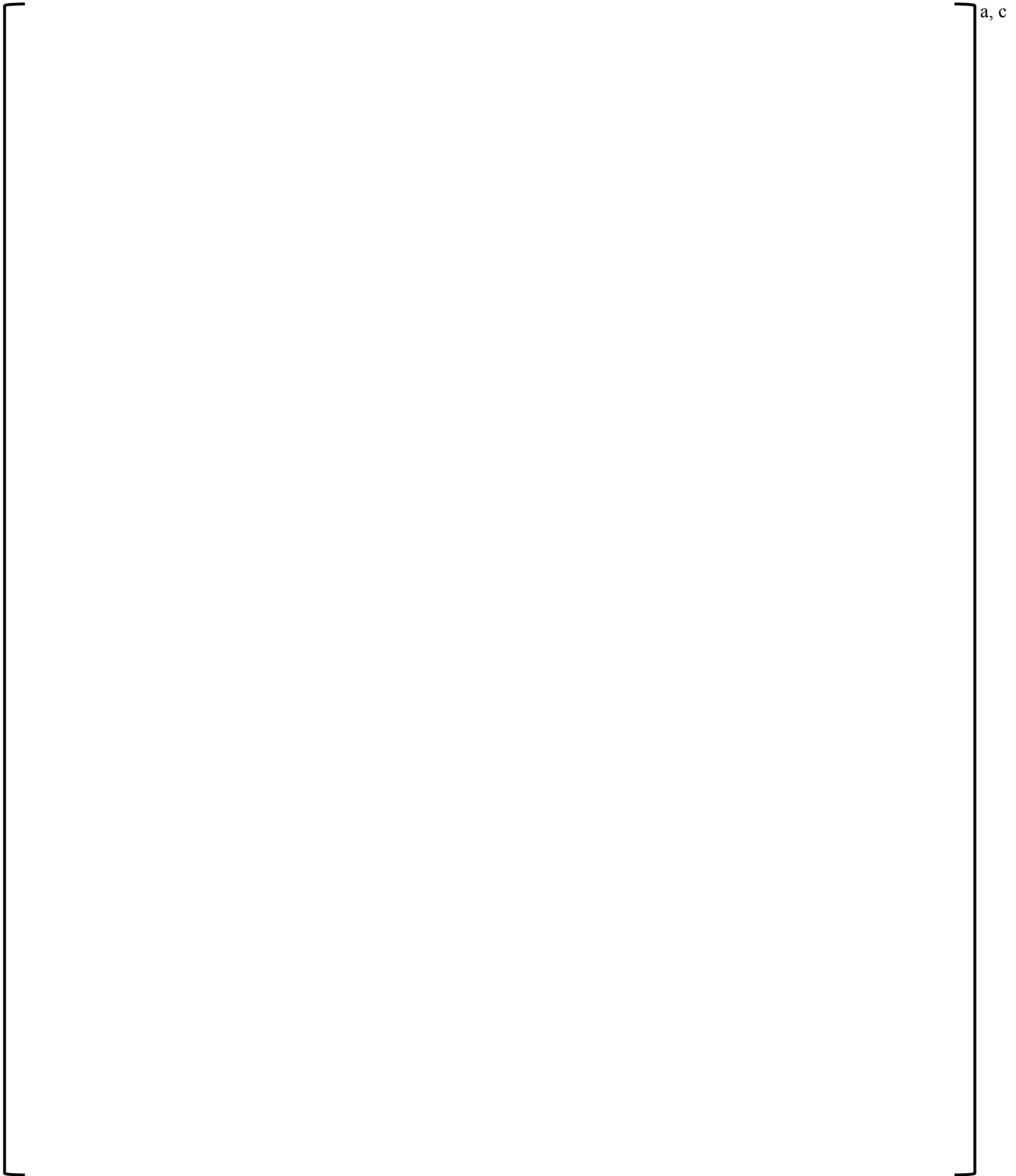
Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 48 of 51



Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 49 of 51



Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE	Version H=0.7
	Unit 3	Page 50 of 51



Plant Startup Mode 2 to 25% Power	3-GOP-306	
	VOGTLE Unit 3	Version H=0.7 Page 51 of 51

ATTACHMENT 1

Page 1 of 1

TASK SHEET

ALL PERSONNEL INVOLVED IN PERFORMING PROCEDURE (Print/Sign Name)	INITIAL
James Dugas <i>JD</i>	<i>JD</i>

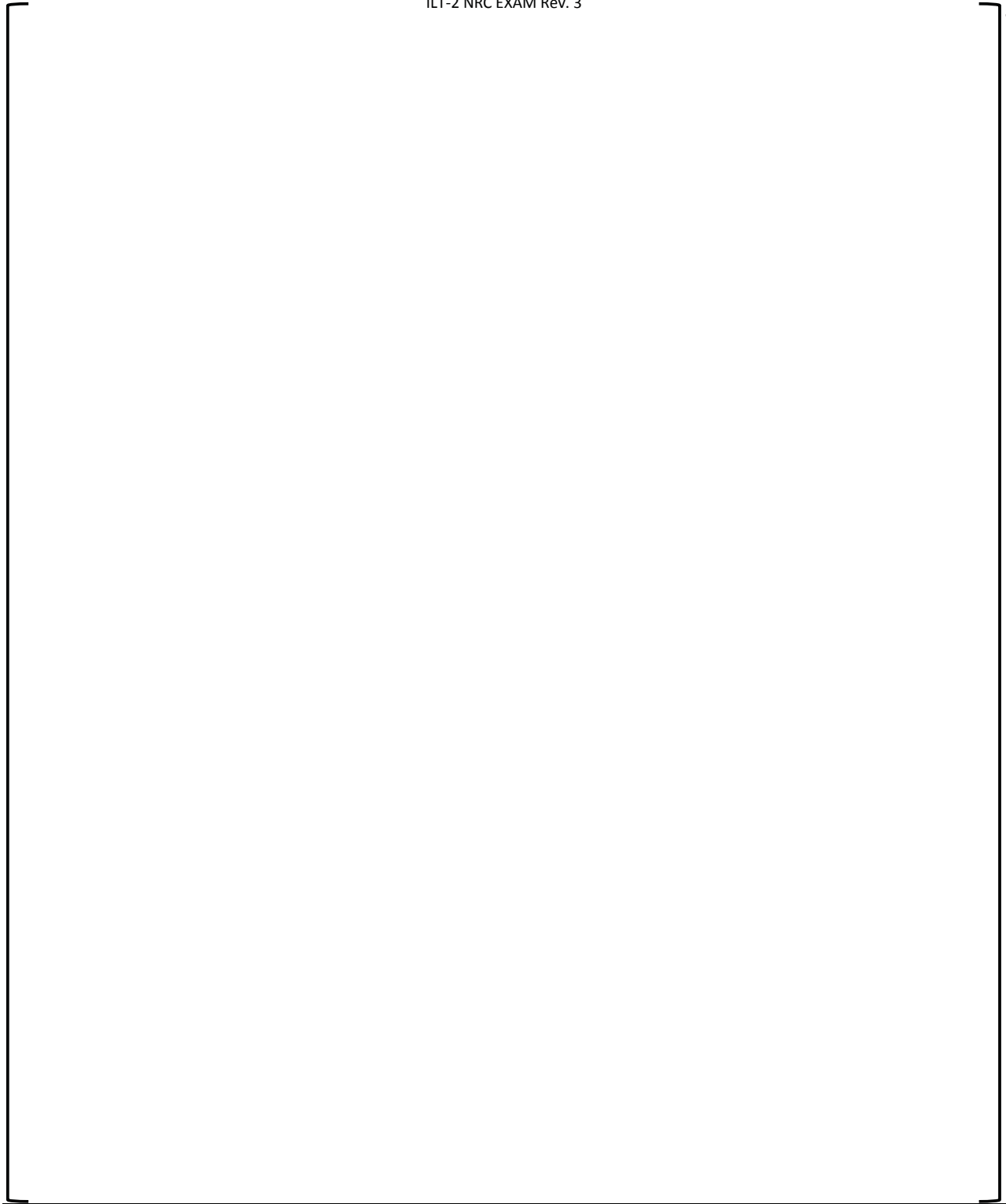
Comments:

(Mark the following N/A if not applicable)

REVIEWED BY: _____ DATE: _____
(Print/Sign)

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE B
ILT-2 NRC EXAM Rev. 3

a, c



SIMULATOR BOOTH INSTRUCTIONS

1. Reset to IC 431 (at least twice).
2. APP/TRG files are required for this JPM.
 - a. APP file(s) – NONE
 - b. TRG file(s) - NONE
3. Ensure WPIS screens are selected to MODES 1-2 Screens.
4. Ensure RO 'C', UO, and SRO workstations are at the windows home screen.
5. Another operator is available to perform alarms if requested.
6. Ensure a marked up version of the procedure is available:
 - a. 3-CVS-SOP-001 (Chemical And Volume Control System) Version F=0.5

Note: Do **NOT** go to RUN for JPM performance until the candidate performing this JPM has read the initial conditions, task statement, etc. and is ready to proceed.

7. When the candidate and the examiners are ready to proceed, place the simulator in RUN. No further actions will be needed.

READ TO APPLICANT

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

[a, c]

START TIME: _____**Evaluator Note:**

- **The most likely screen is given for where the operator will perform the task or check the indication. Indications may be available on multiple screens. In those cases, it is acceptable to look at other screens to get the same information from the same instrument.**
- **When prompted by the candidate for a peer check, respond “peer check is NOT available”.**
- **When any report is given or a request is made, “acknowledge the report verbatim.” Provide no other answer as this may unknowingly cue the candidate.**

STEP/STANDARD	SAT/UNSAT
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[Empty table area for recording scores]

a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE B
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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	a, c
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STEP/STANDARD	SAT/UNSAT
---------------	-----------

[Empty table area for recording scores]

a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

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a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

--	--

a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

--

a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE B
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

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a, c

STEP/STANDARD	SAT/UNSAT
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--

a, c

APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

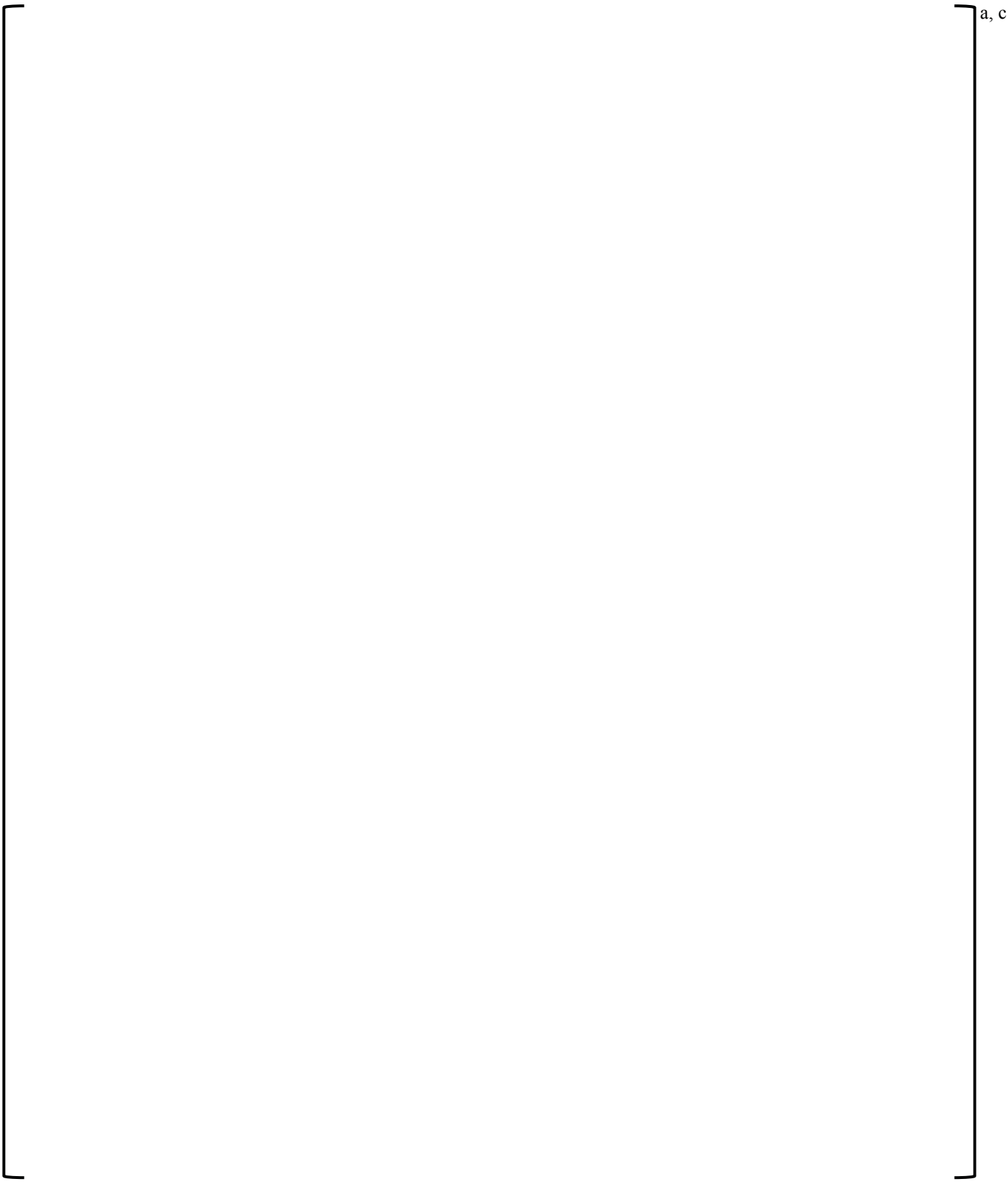
DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

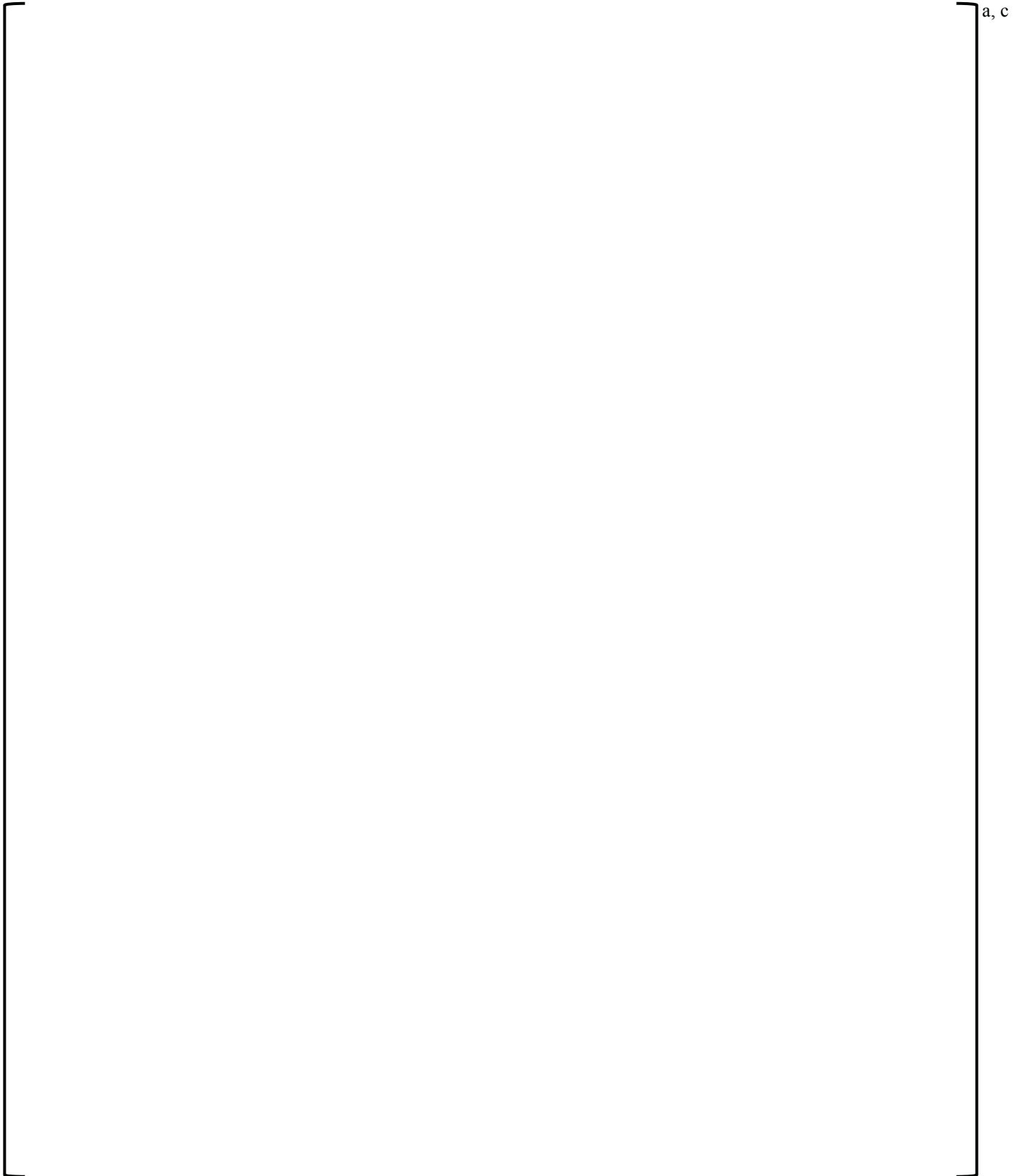
INITIAL CONDITIONS:

[] a, c

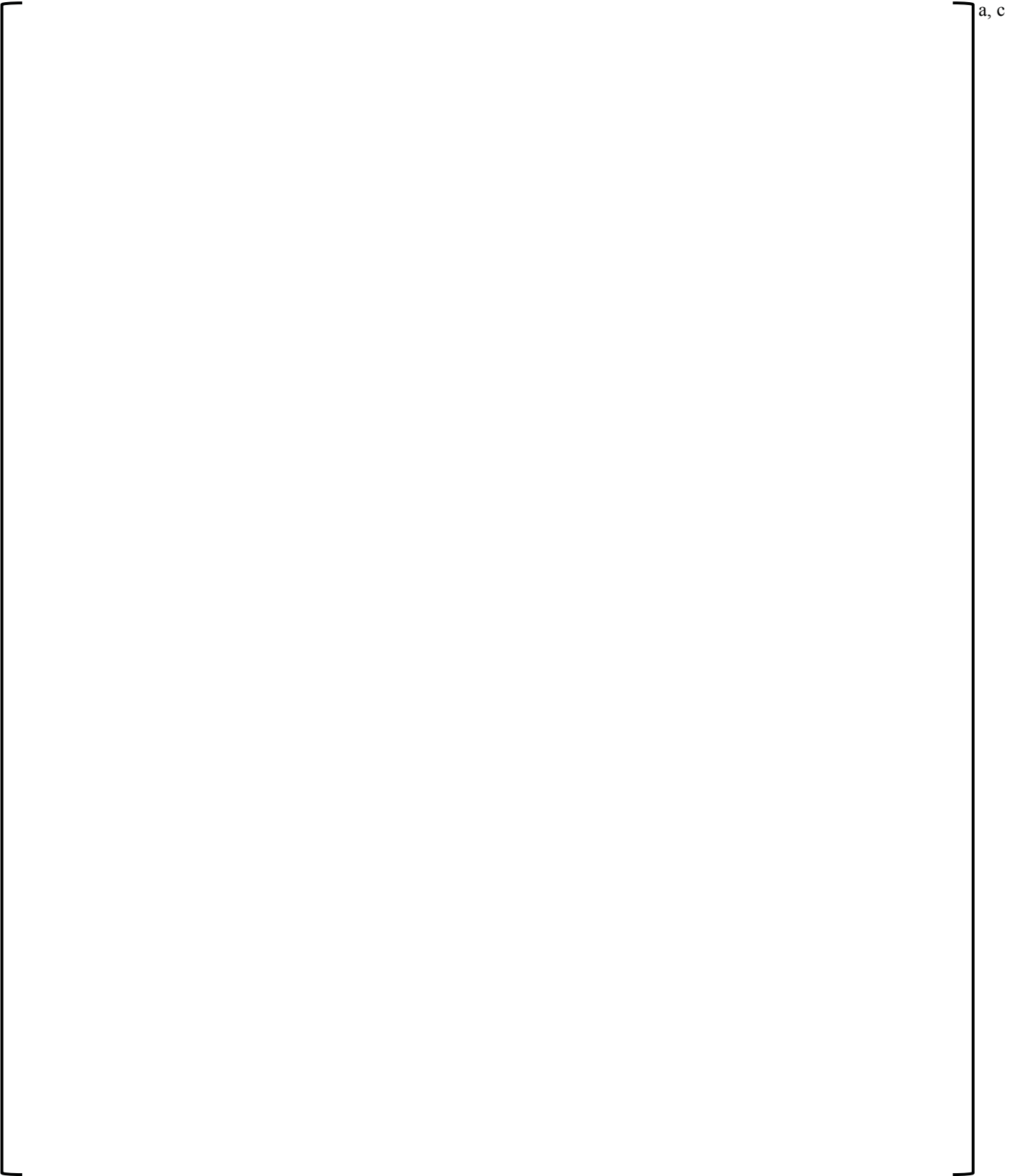
Chemical And Volume Control System	3-CVS-SOP-001	
	VOGTLE	Version F=0.5
	Unit 3	Page 48 of 147



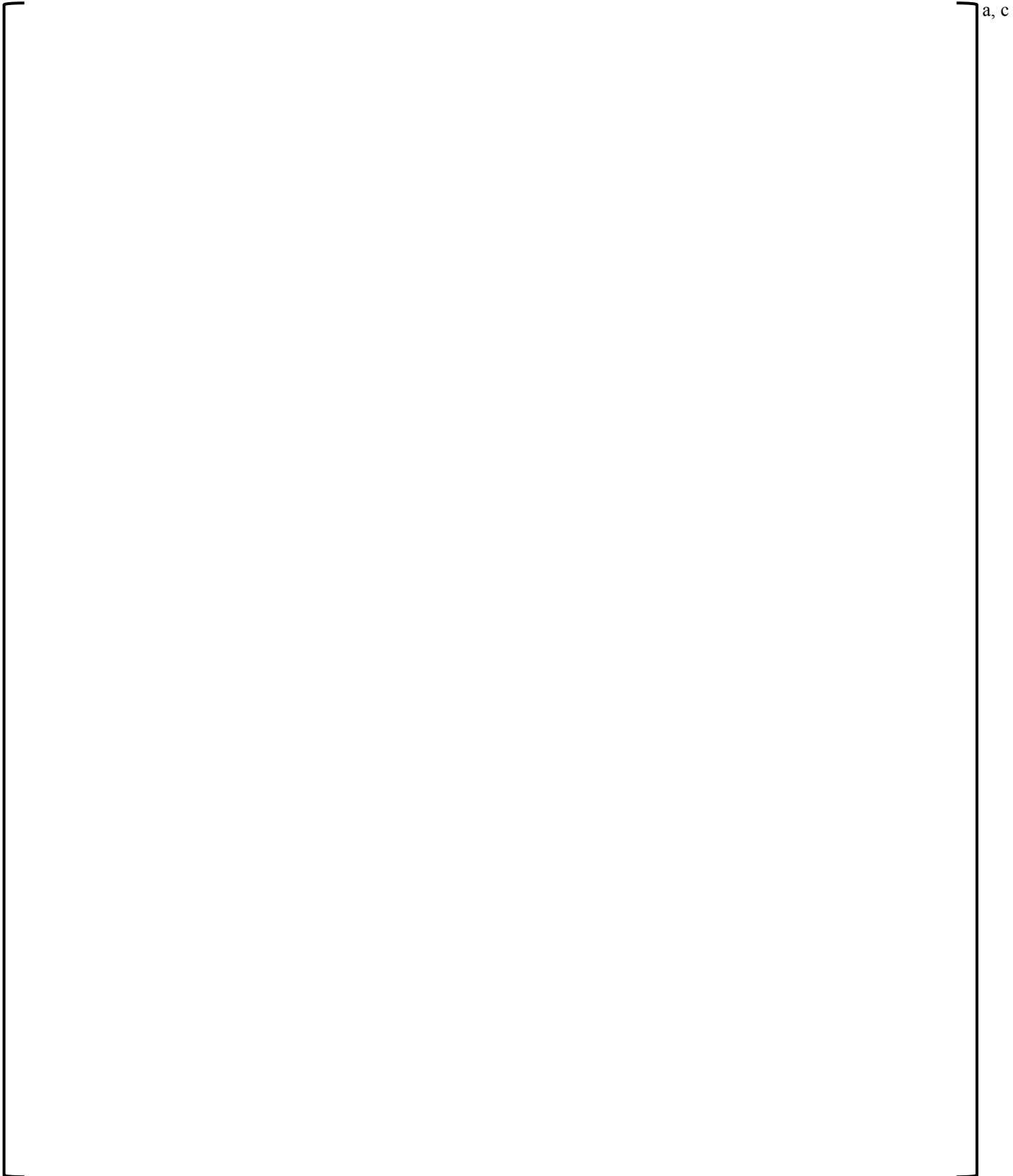
Chemical And Volume Control System	3-CVS-SOP-001	
	VOGTLE	Version F=0.5
	Unit 3	Page 49 of 147



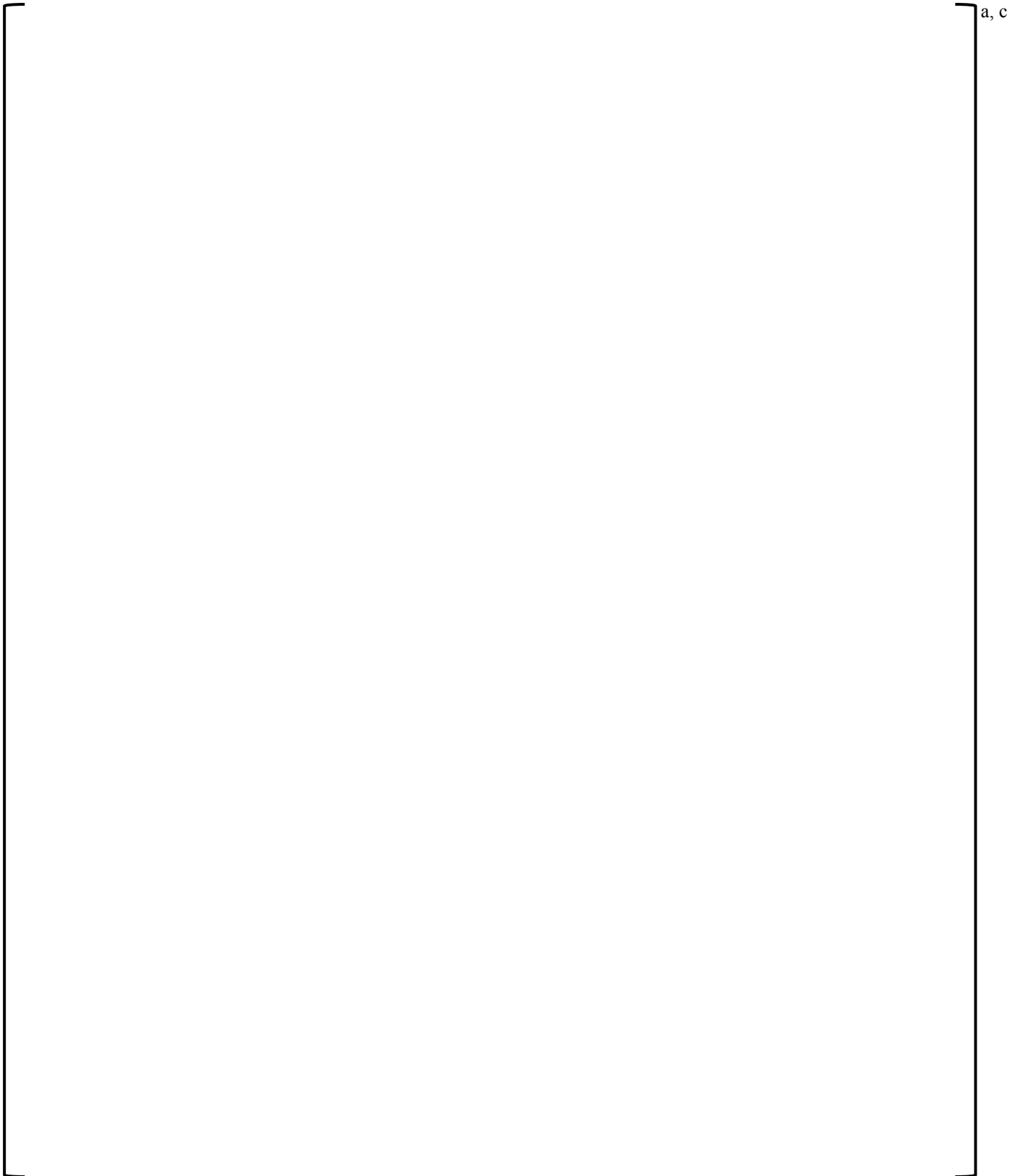
Chemical And Volume Control System	3-CVS-SOP-001	
	VOGTLE	Version F=0.5
	Unit 3	Page 50 of 147



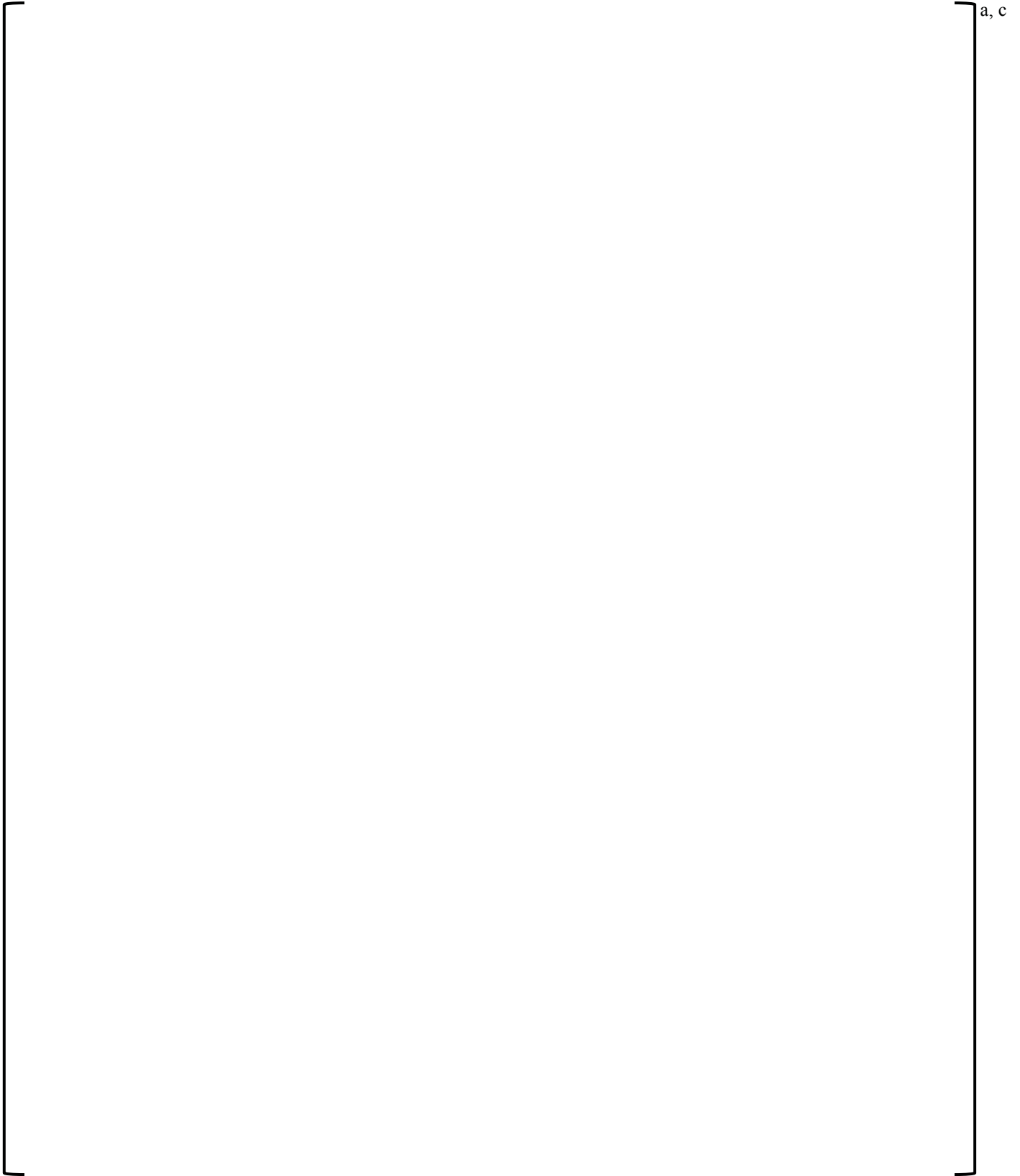
Chemical And Volume Control System	3-CVS-SOP-001	
	VOGTLE	Version F=0.5
	Unit 3	Page 51 of 147



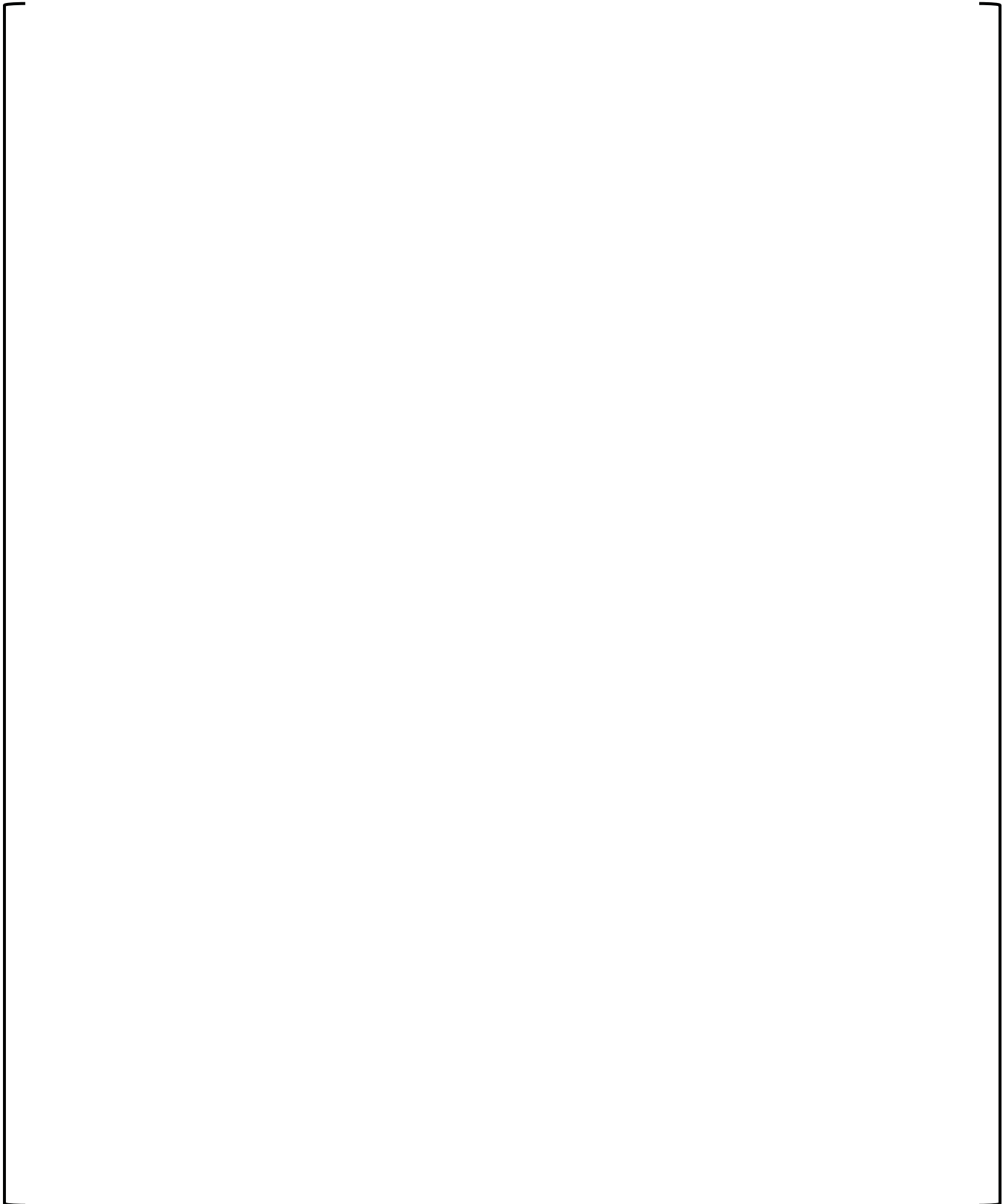
Chemical And Volume Control System	3-CVS-SOP-001	
	VOGTLE	Version F=0.5
	Unit 3	Page 52 of 147



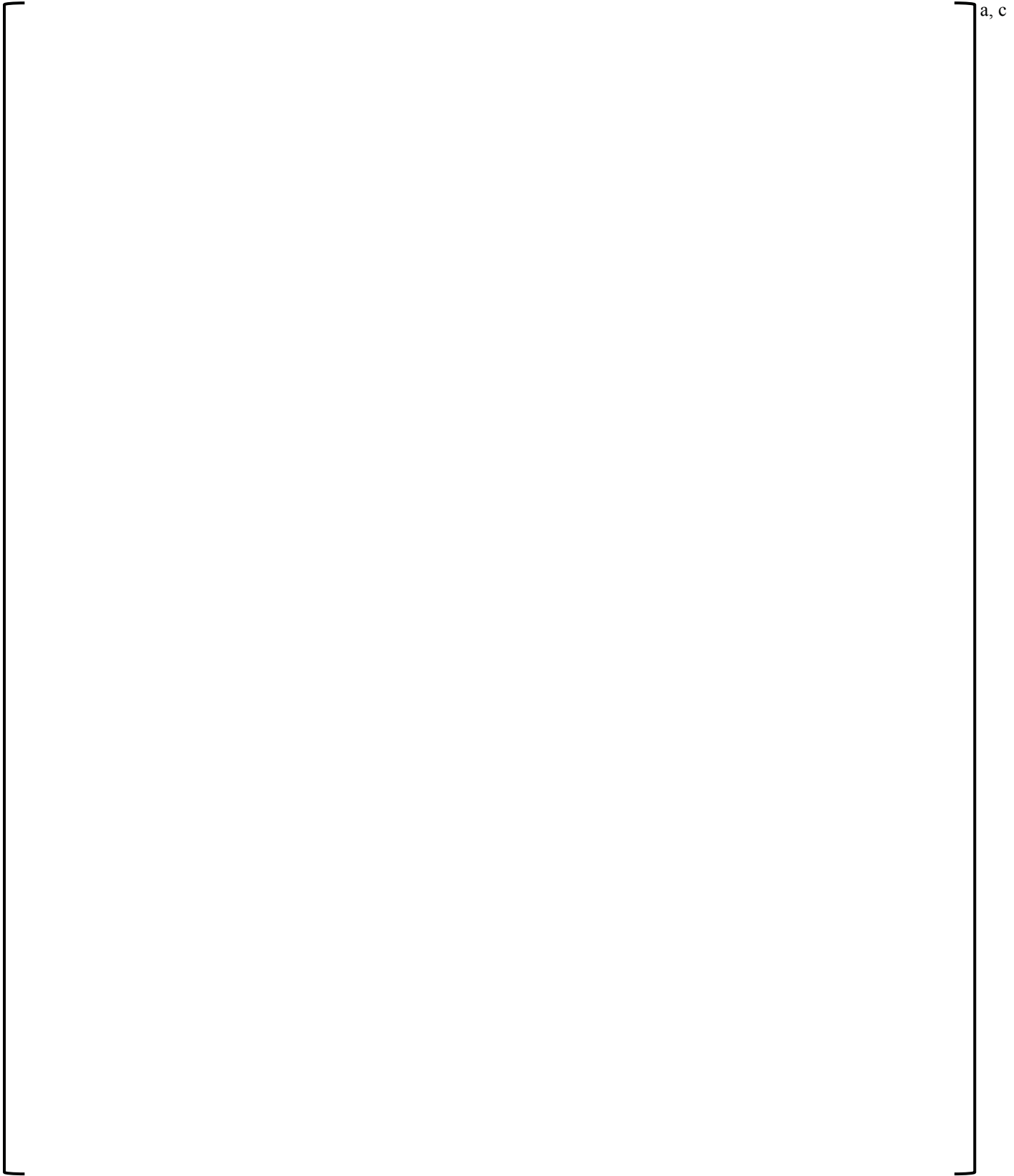
Chemical And Volume Control System	3-CVS-SOP-001	
	VOGTLE	Version F=0.5
	Unit 3	Page 53 of 147



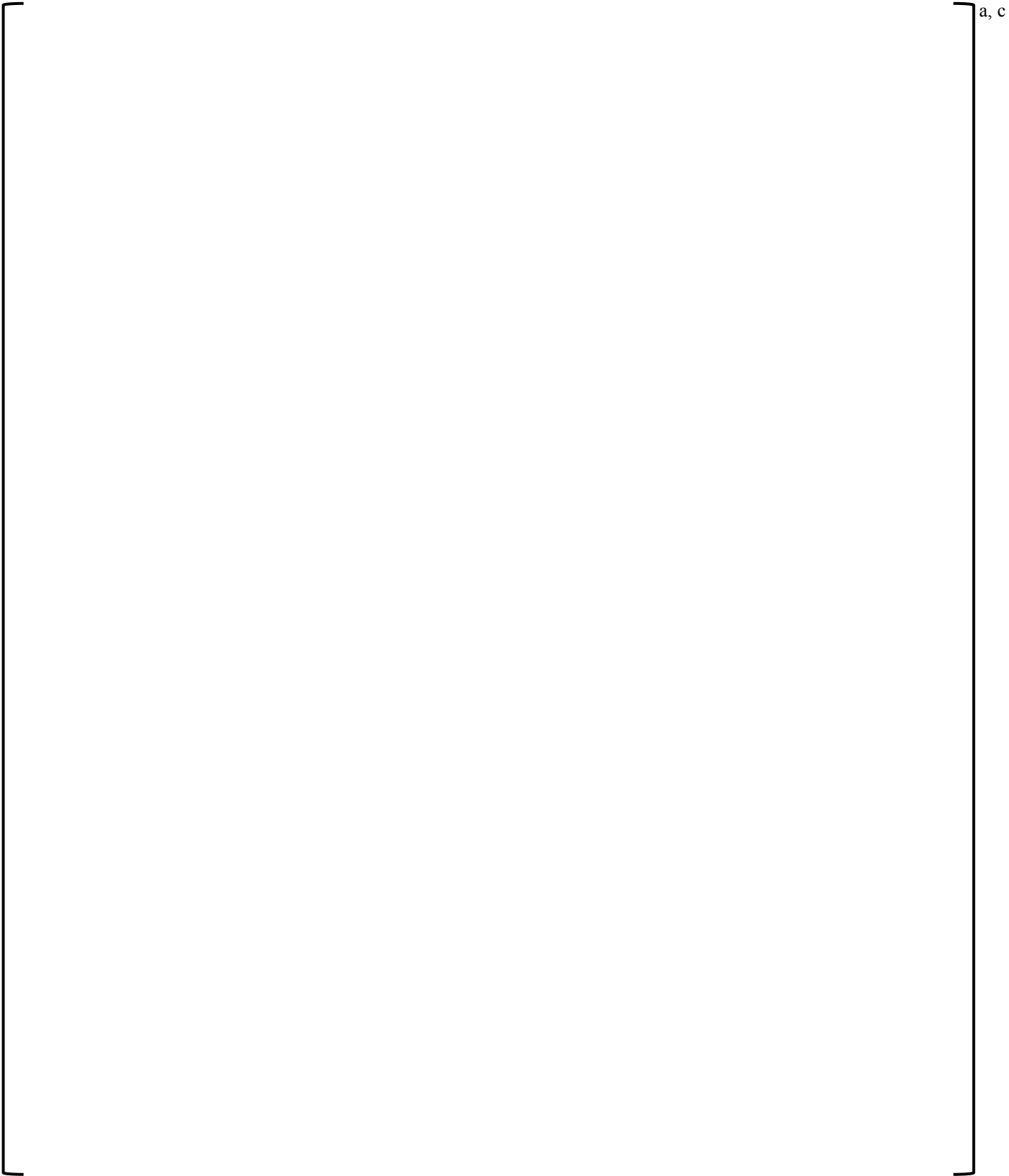
Chemical And Volume Control System	3-CVS-SOP-001	
	VOGTLE	Version F=0.5
	Unit 3	Page 54 of 147



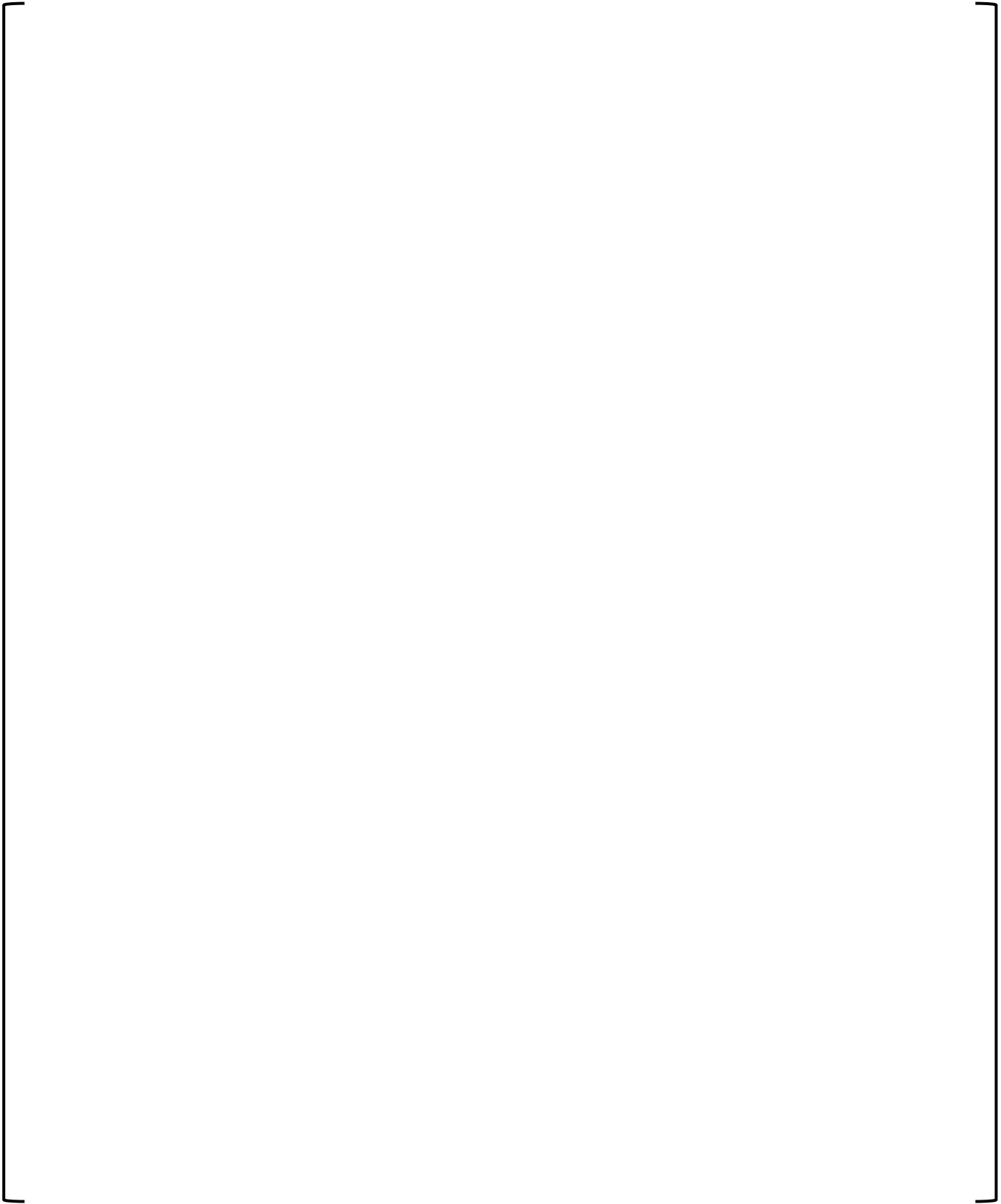
Chemical And Volume Control System	3-CVS-SOP-001	
	VOGTLE	Version F=0.5
	Unit 3	Page 55 of 147



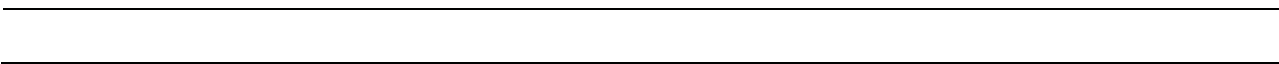
Chemical And Volume Control System	3-CVS-SOP-001	
	VOGTLE	Version F=0.5
	Unit 3	Page 56 of 147



VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE C
ILT-2 NRC EXAM Rev. 3



a, c



SIMULATOR BOOTH INSTRUCTIONS

a, c

READ TO APPLICANT**DIRECTION TO APPLICANT:**

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

a, c

START TIME: _____**Evaluator Note:**

- **The most likely screen is given for where the operator will perform the task or check the indication. Indications may be available on multiple screens. In those cases, it is acceptable to look at other screens to get the same information from the same instrument.**
- **When prompted by the candidate for a peer check, respond “peer check is NOT available”.**
- **When any report is given or a request is made, “acknowledge the report verbatim.” Provide no other answer as this may unknowingly cue the candidate.**

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE C
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE C
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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	a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
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STEP/STANDARD	SAT/UNSAT
---------------	-----------

[Empty table area for recording scores]

a, c

STOP TIME: _____

APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

DIRECTION TO APPLICANT:

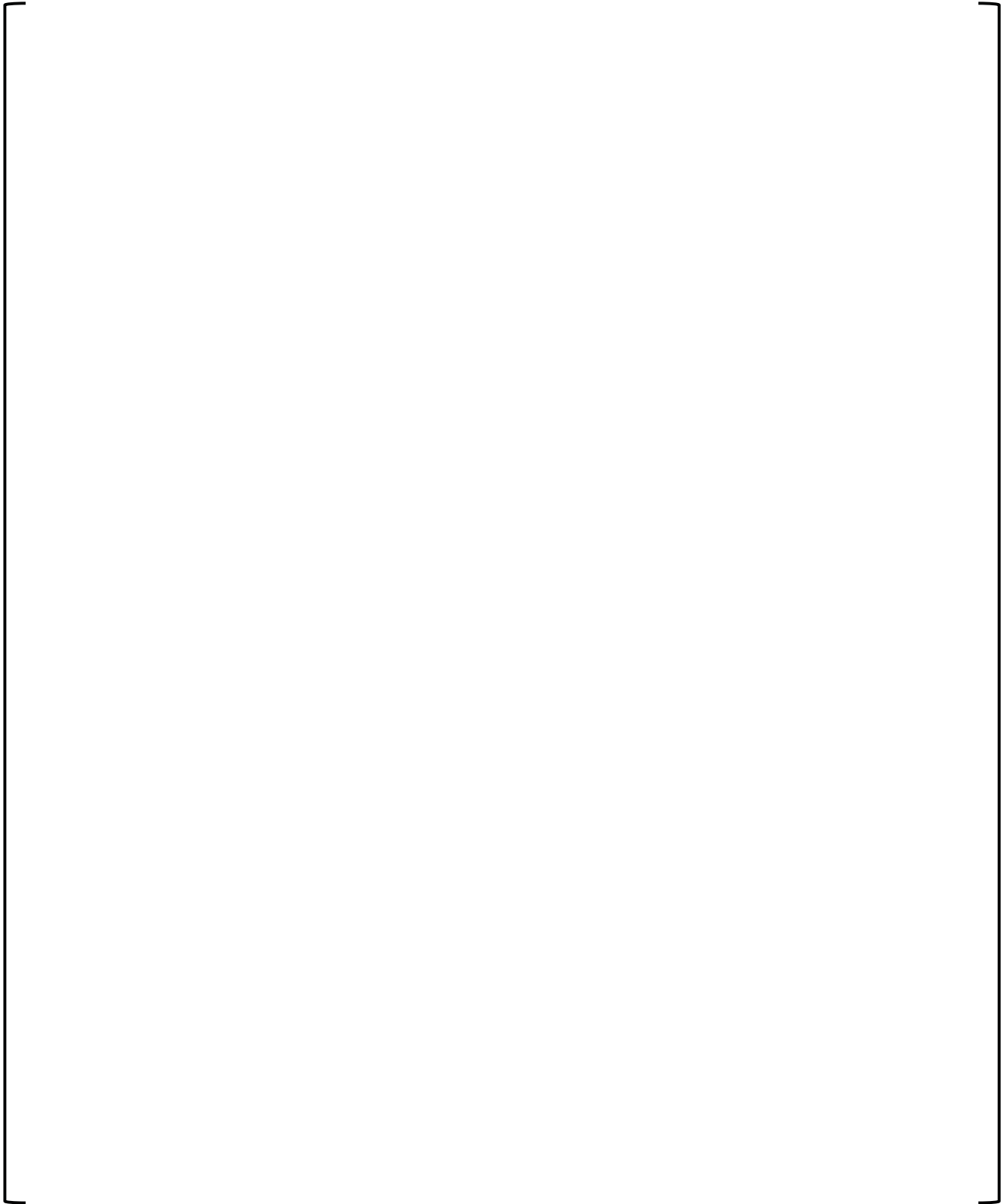
I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

[] a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE D
ILT-2 NRC EXAM Rev. 3

a, c



SIMULATOR BOOTH INSTRUCTIONS

a, c

READ TO APPLICANT

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

a, c

START TIME: _____**Evaluator Note:**

- **The most likely screen is given for where the operator will perform the task or check the indication. Indications may be available on multiple screens. In those cases, it is acceptable to look at other screens to get the same information from the same instrument.**
- **When prompted by the candidate for a peer check, respond “peer check is NOT available”.**
- **When any report is given or a request is made, “acknowledge the report verbatim.” Provide no other answer as this may unknowingly cue the candidate.**

STEP/STANDARD	SAT/UNSAT
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a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
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STEP/STANDARD	SAT/UNSAT
---------------	-----------

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a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c

APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

DIRECTION TO APPLICANT:

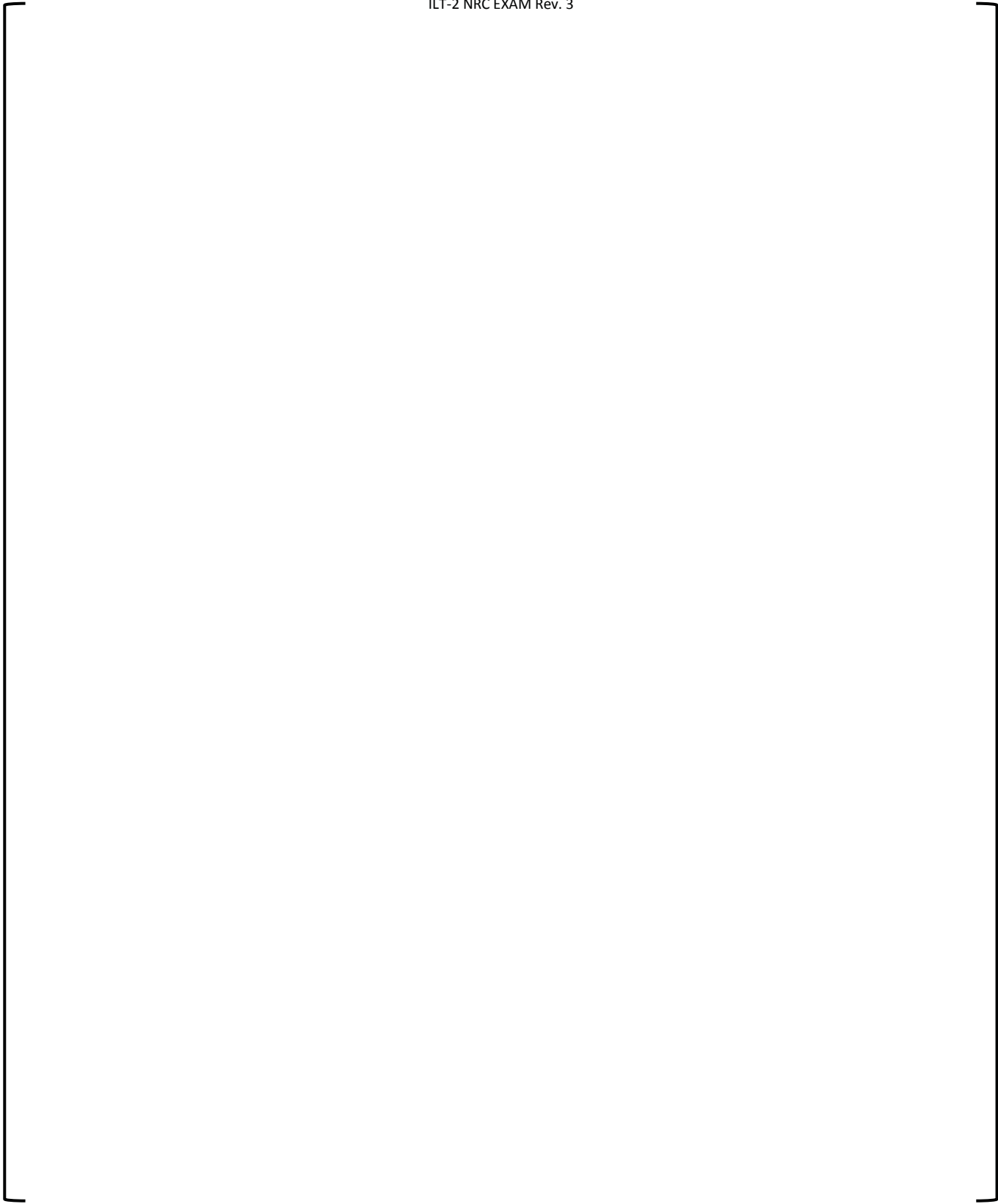
I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

[a, c]

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE E
ILT-2 NRC EXAM Rev. 3

a, c



SIMULATOR BOOTH INSTRUCTIONS

a, c

READ TO APPLICANT**DIRECTION TO APPLICANT:**

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

a, c

START TIME: _____**Evaluator Note:**

- **The most likely screen is given for where the operator will perform the task or check the indication. Indications may be available on multiple screens. In those cases, it is acceptable to look at other screens to get the same information from the same instrument.**
- **When prompted by the candidate for a peer check, respond “peer check is NOT available”.**
- **When any report is given or a request is made, “acknowledge the report verbatim.” Provide no other answer as this may unknowingly cue the candidate.**

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE E
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE E
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE E
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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	a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE E
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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	a, c
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VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE E
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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	a, c
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VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE E
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE E
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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	a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE E
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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	a, c
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APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

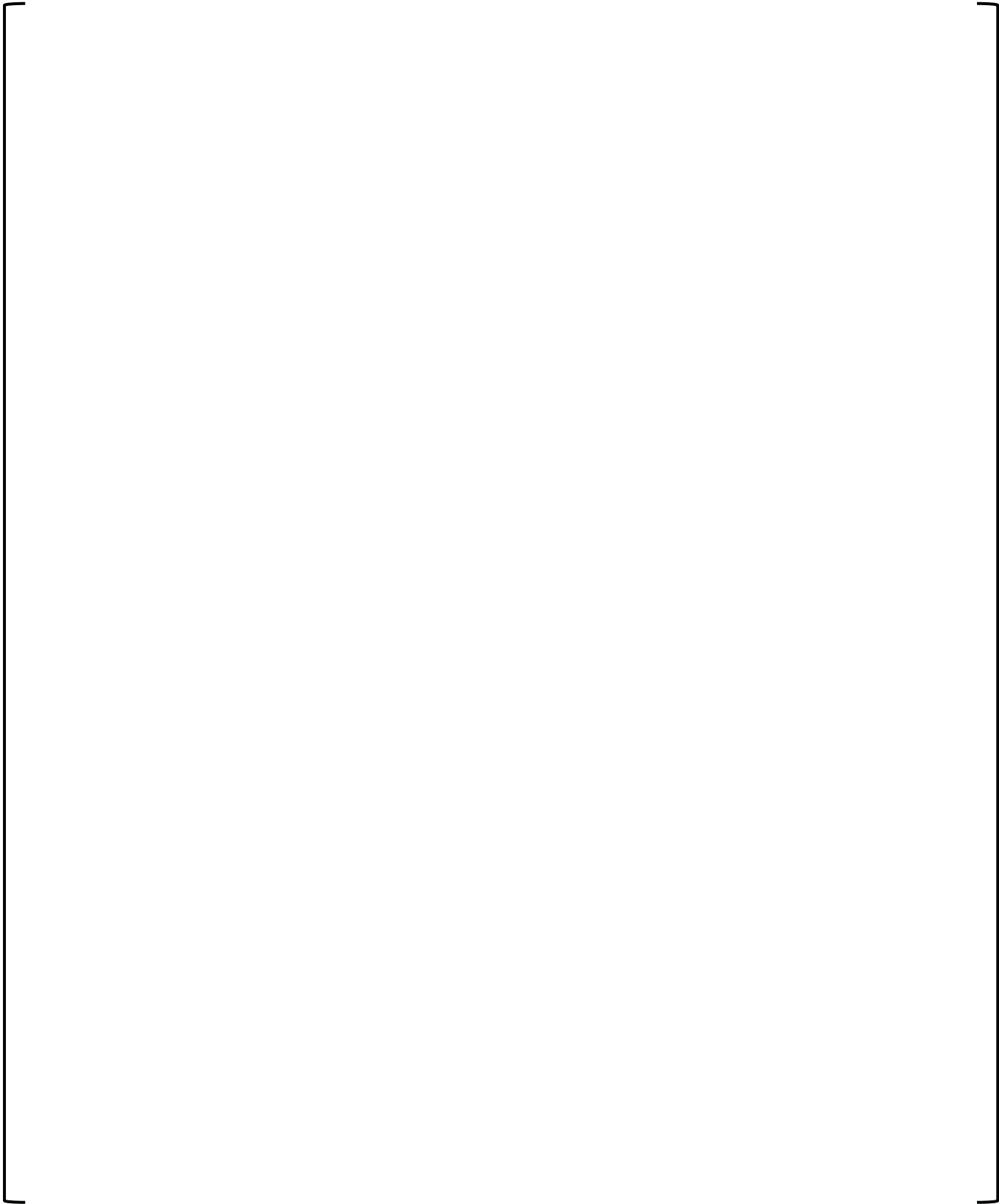
DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

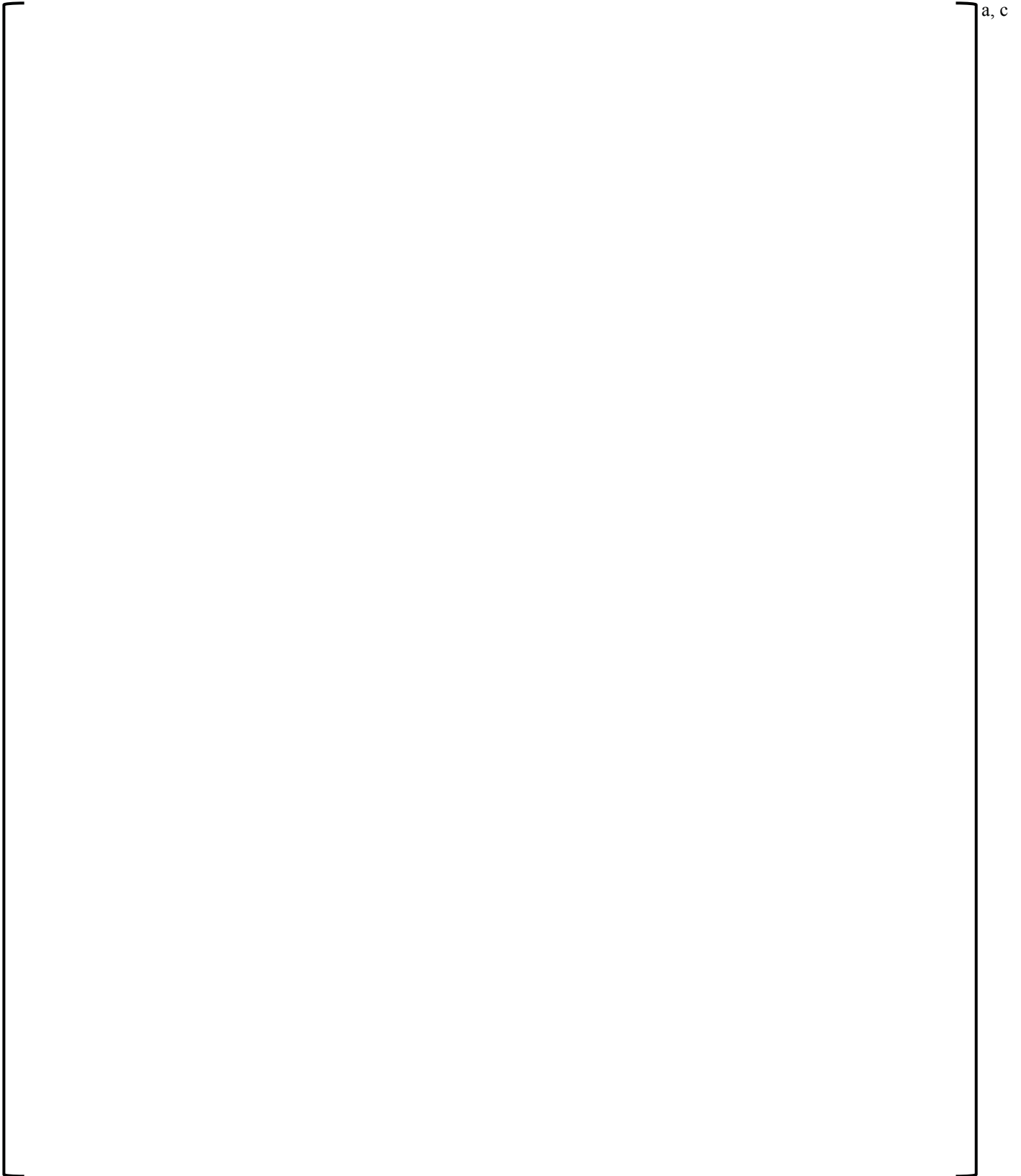
INITIAL CONDITIONS:

[a, c]

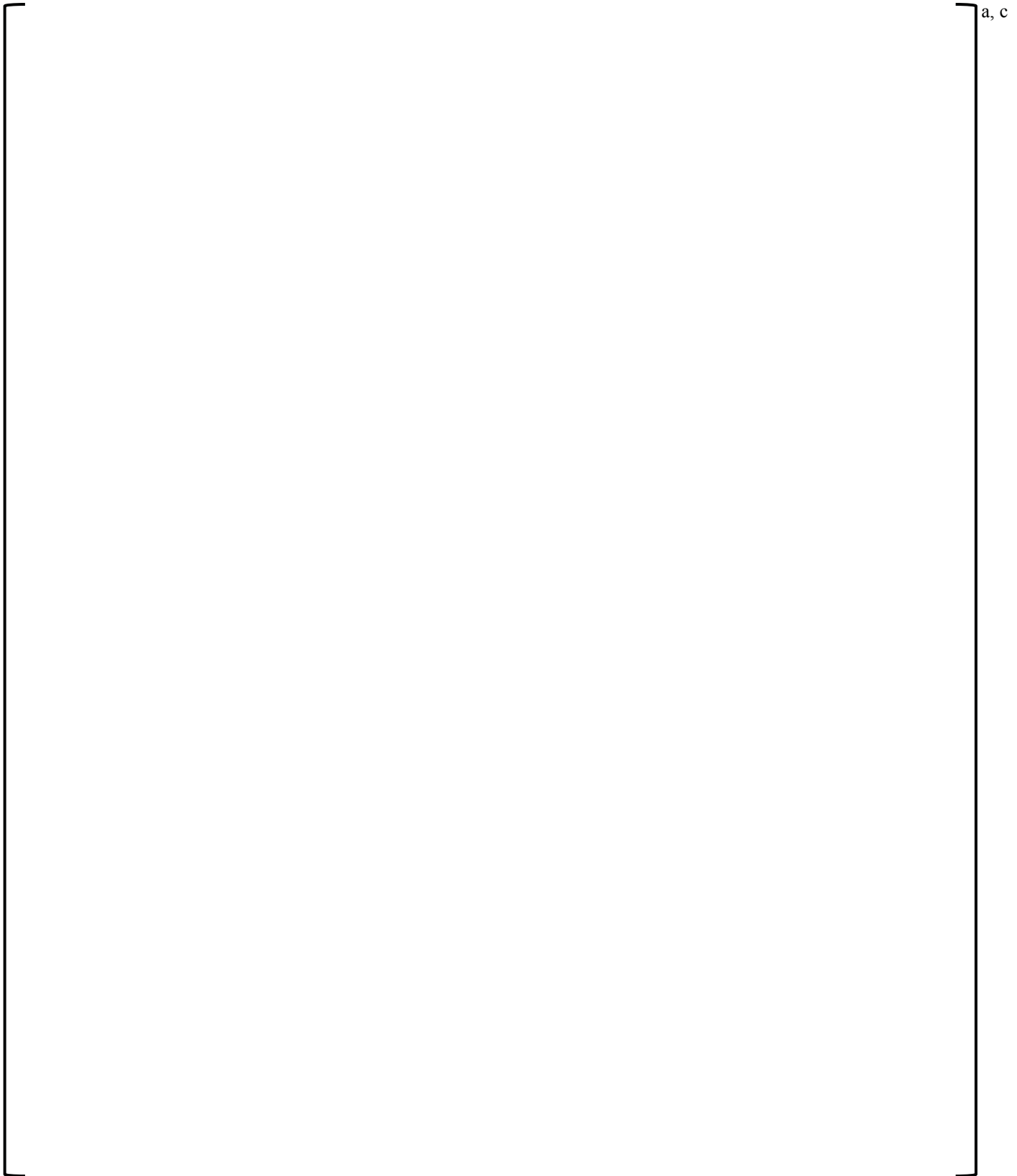
Startup Feedwater System	3-FWS-SOP-002	
	VOGTLE	Version A=0.0
	Unit 3	Page 35 of 47



Startup Feedwater System	3-FWS-SOP-002	
	VOGTLE	Version A=0.0
	Unit 3	Page 36 of 47



Startup Feedwater System	3-FWS-SOP-002	
	VOGTLE	Version A=0.0
	Unit 3	Page 37 of 47



a, c

SIMULATOR BOOTH INSTRUCTIONS

a, c

READ TO APPLICANT

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

[a, c]

START TIME: _____**Evaluator Note:**

- **The most likely screen is given for where the operator will perform the task or check the indication. Indications may be available on multiple screens. In those cases, it is acceptable to look at other screens to get the same information from the same instrument.**
- **When prompted by the candidate for a peer check, respond “peer check is NOT available”.**
- **When any report is given or a request is made, “acknowledge the report verbatim.” Provide no other answer as this may unknowingly cue the candidate.**

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE F
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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	a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE F
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE F
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

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a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE F
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE F
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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	a, c
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STEP/STANDARD	SAT/UNSAT
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	a, c
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VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE F
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE F
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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	a, c
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STEP/STANDARD	SAT/UNSAT
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	a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE F
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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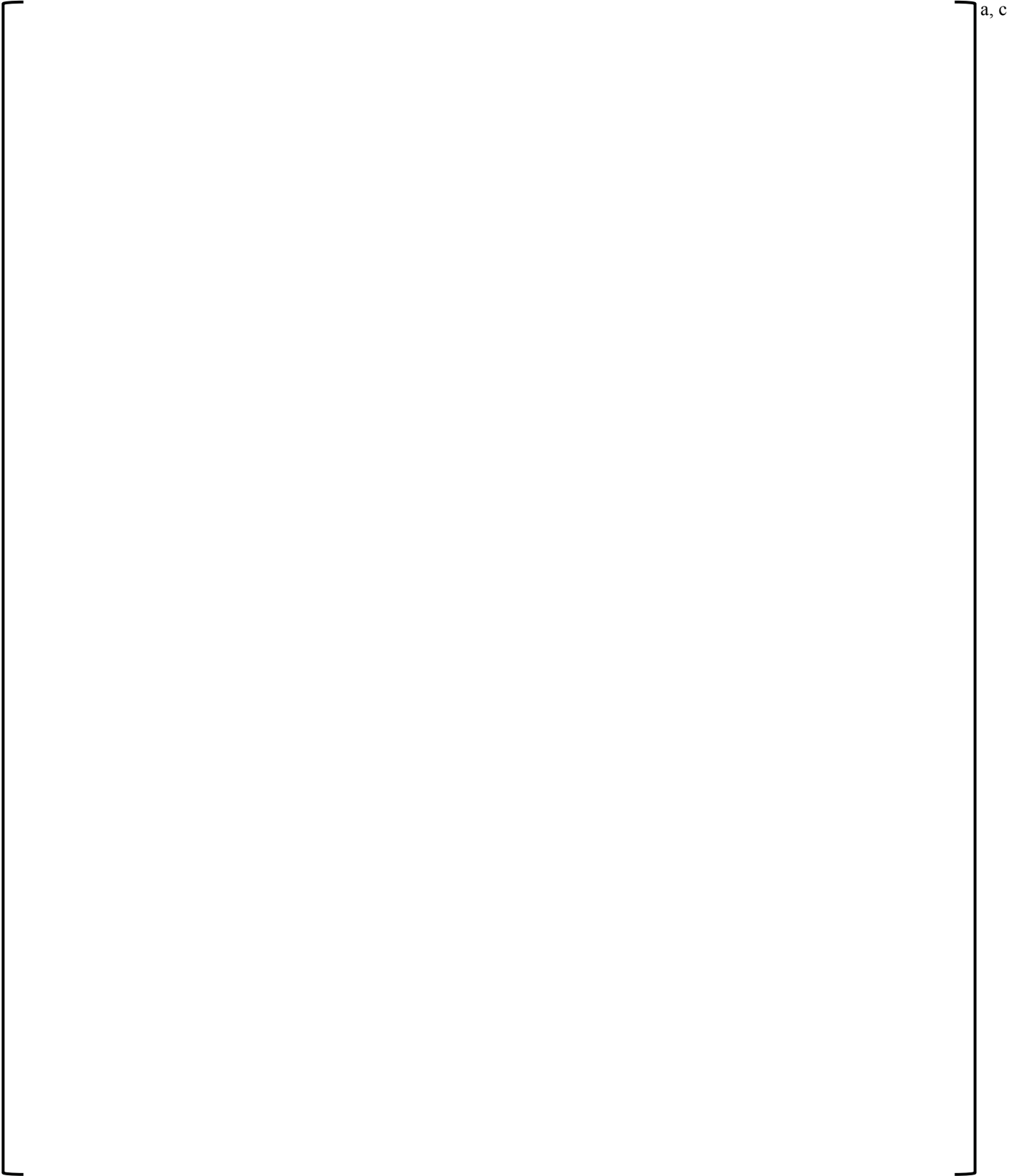
	a, c

STEP/STANDARD	SAT/UNSAT
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a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE
ILT-2 NRC EXAM



APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

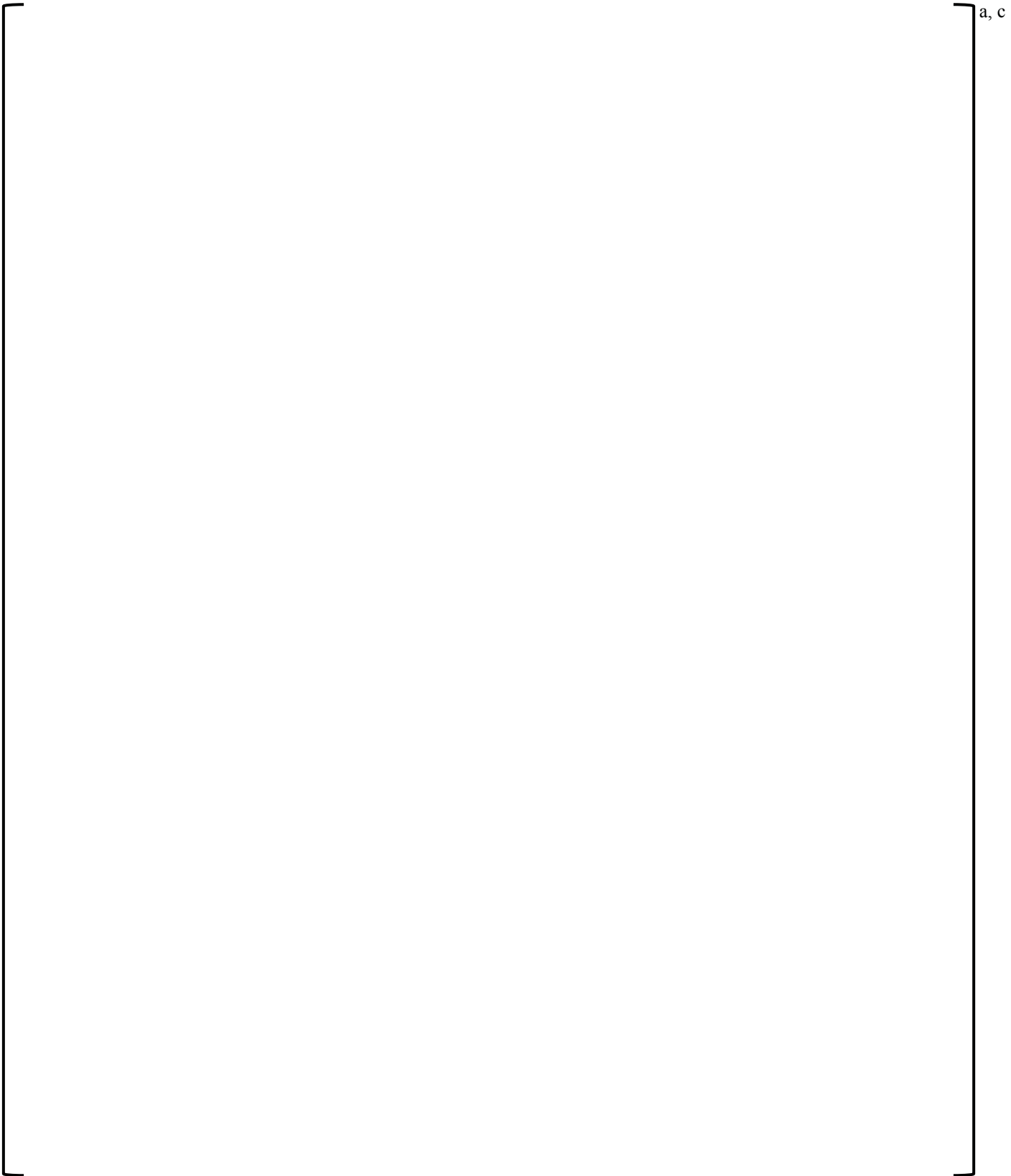
a, c



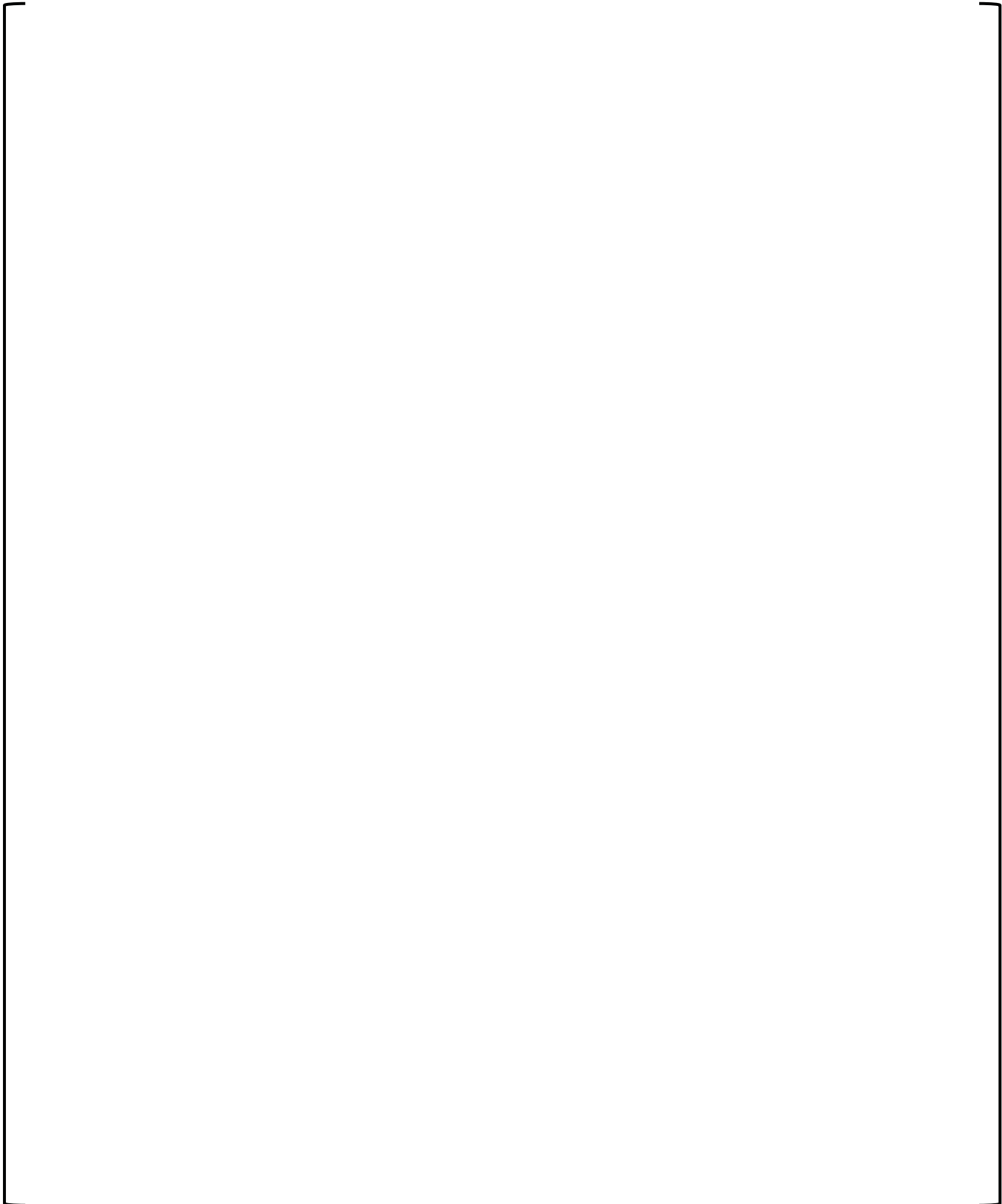
**VOGTLE
Unit 3**

a, c

Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 2 of 59

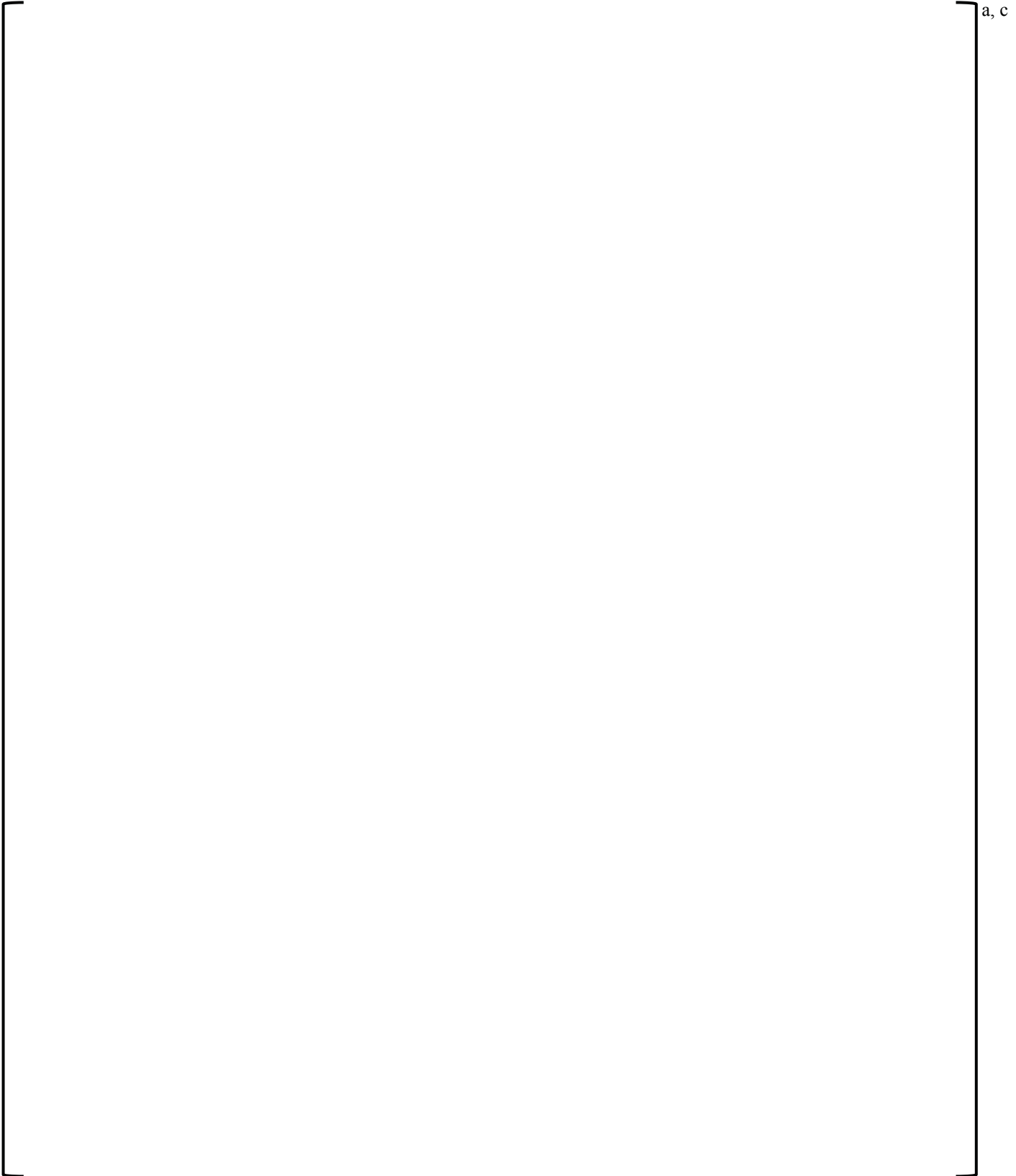


Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 3 of 59

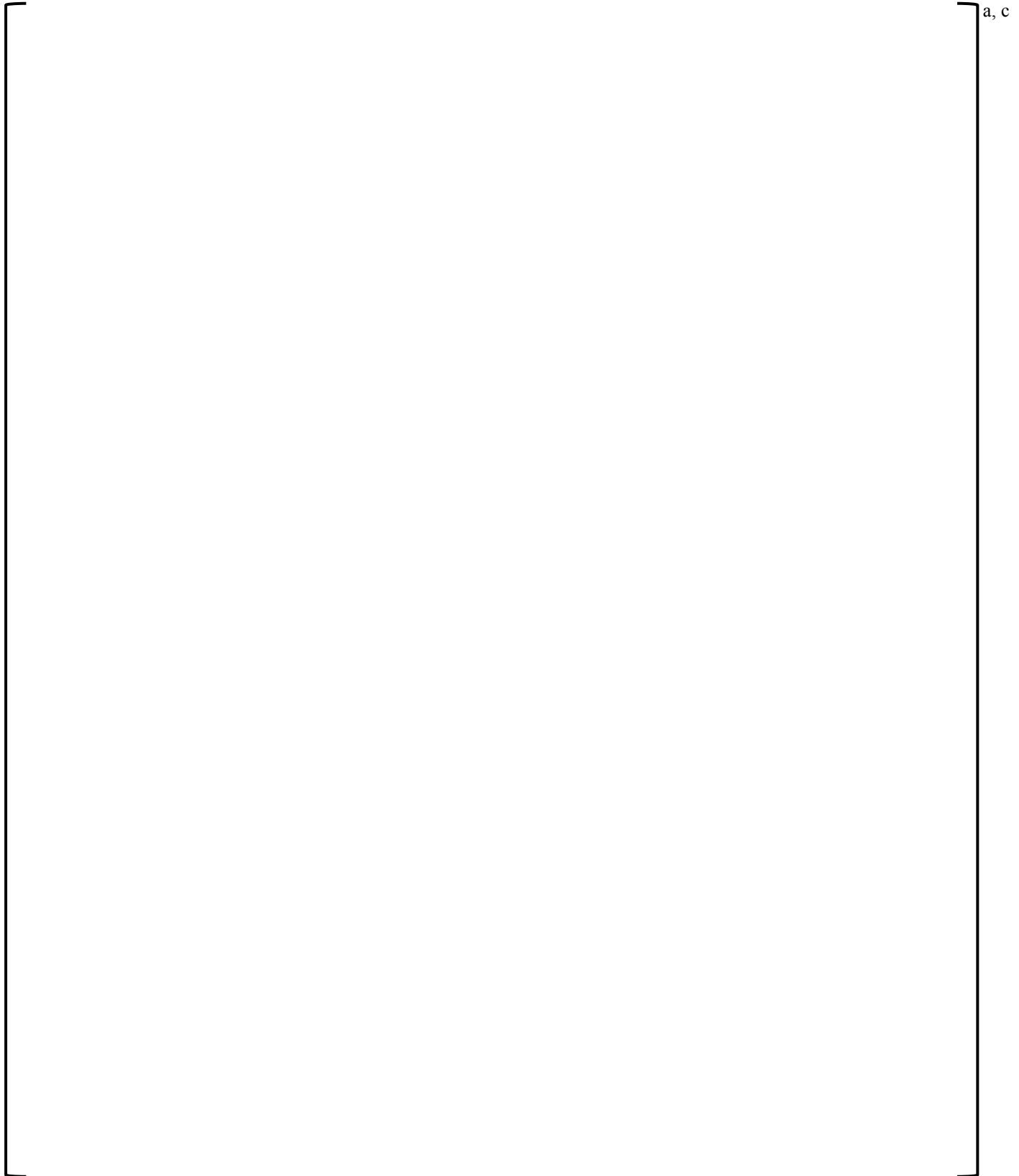


a, c

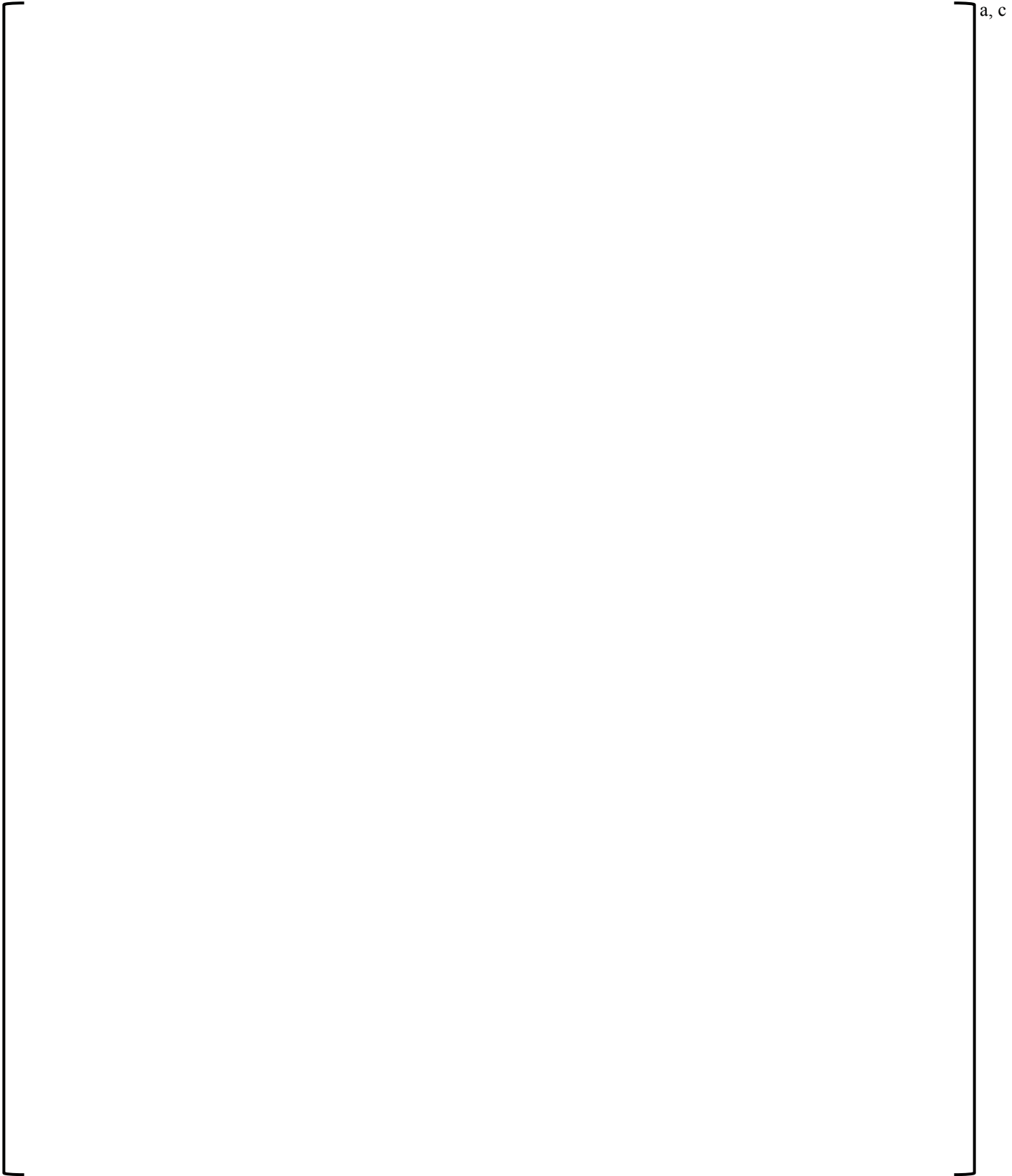
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	VOGTLE	Version E=0.4
	Unit 3	Page 4 of 59



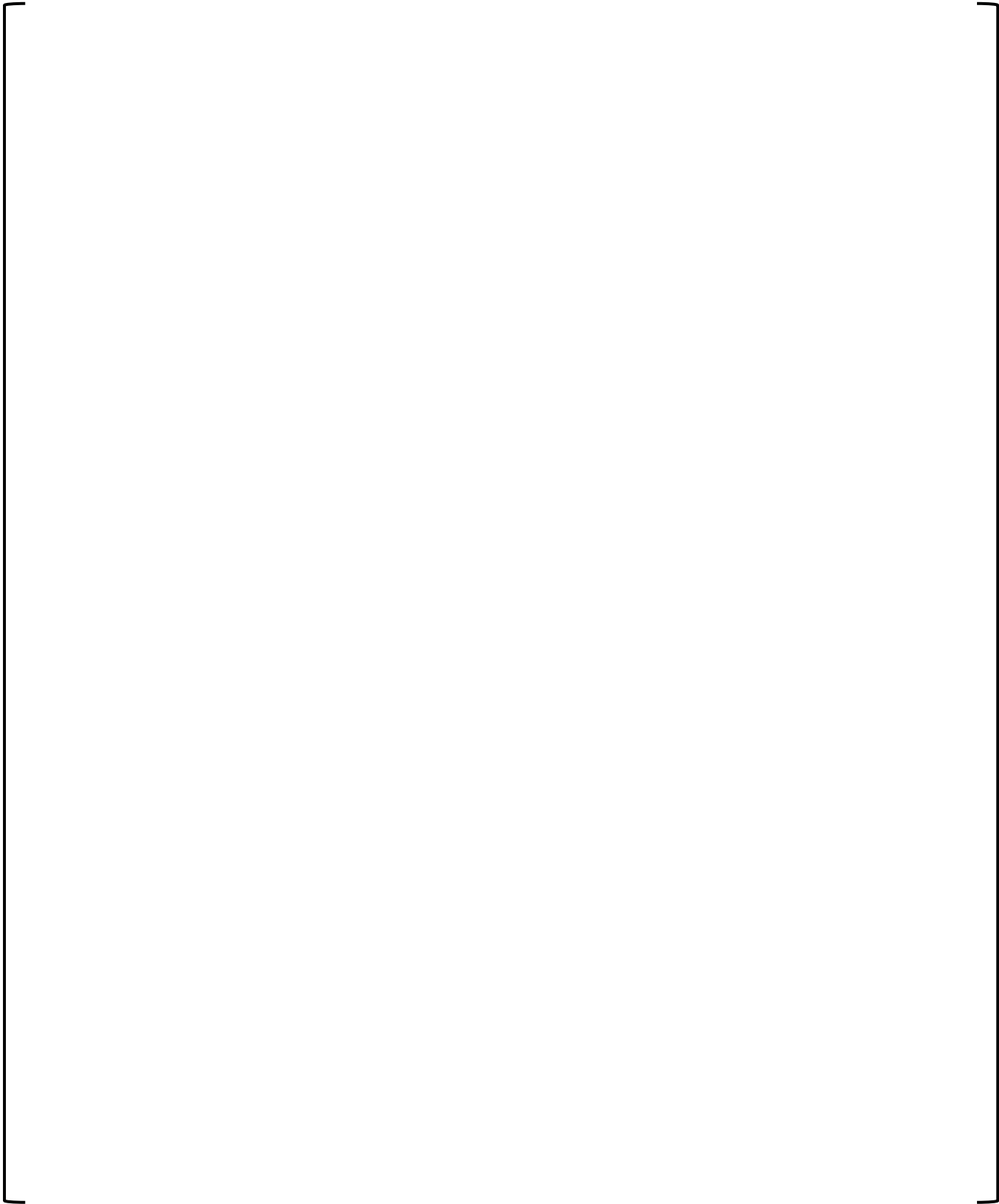
Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 5 of 59



Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 6 of 59

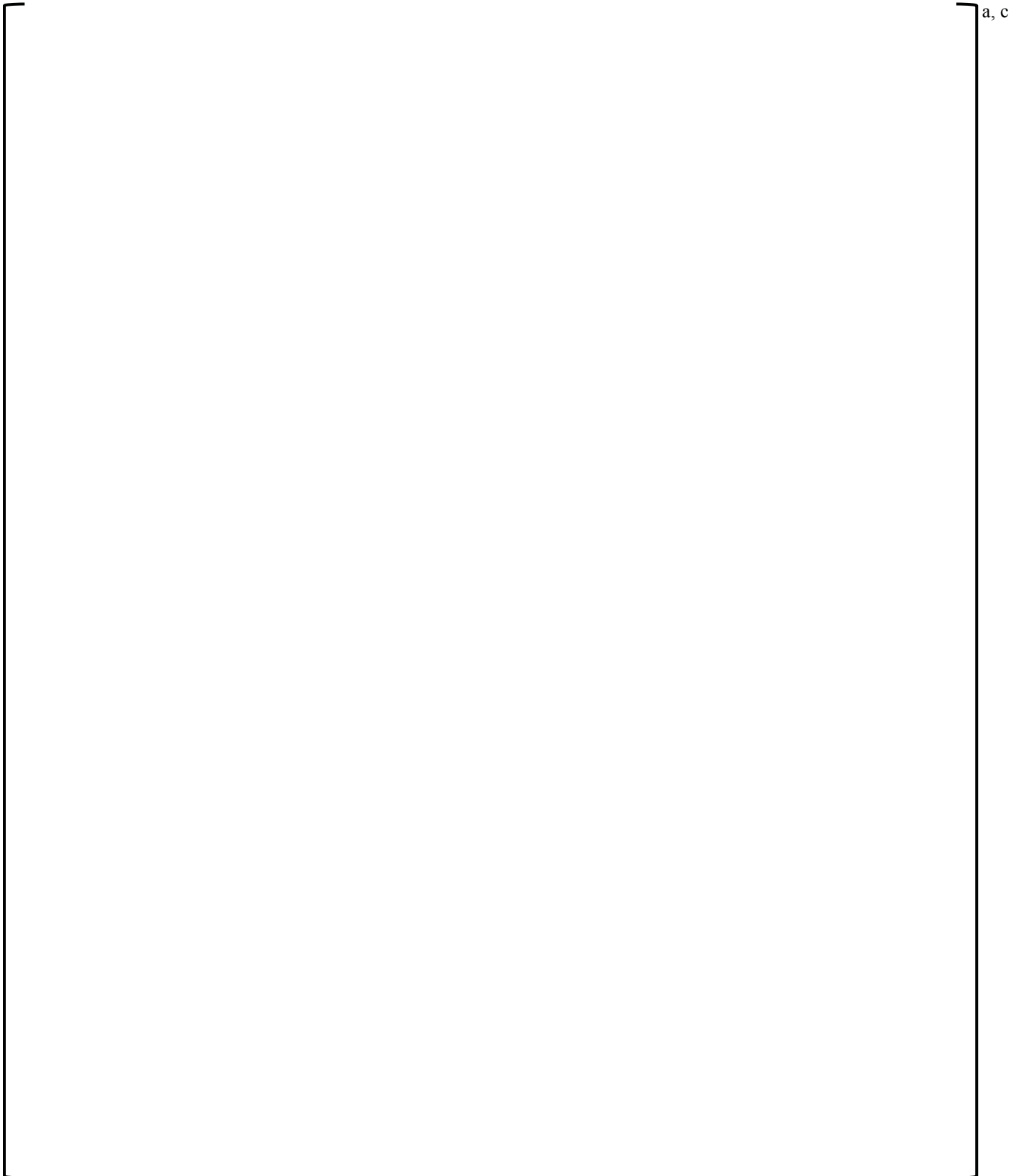


Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 7 of 59

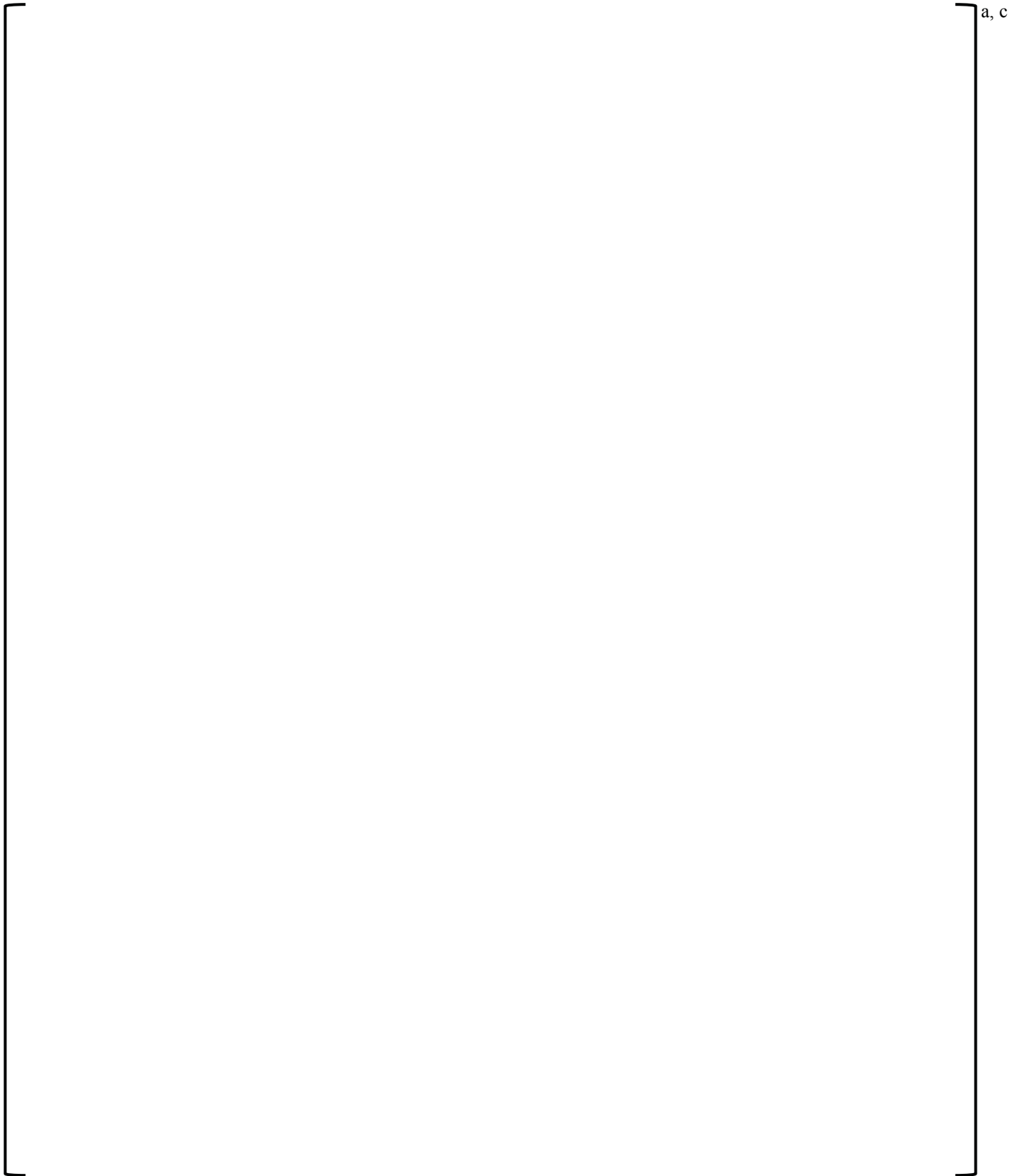


a, c

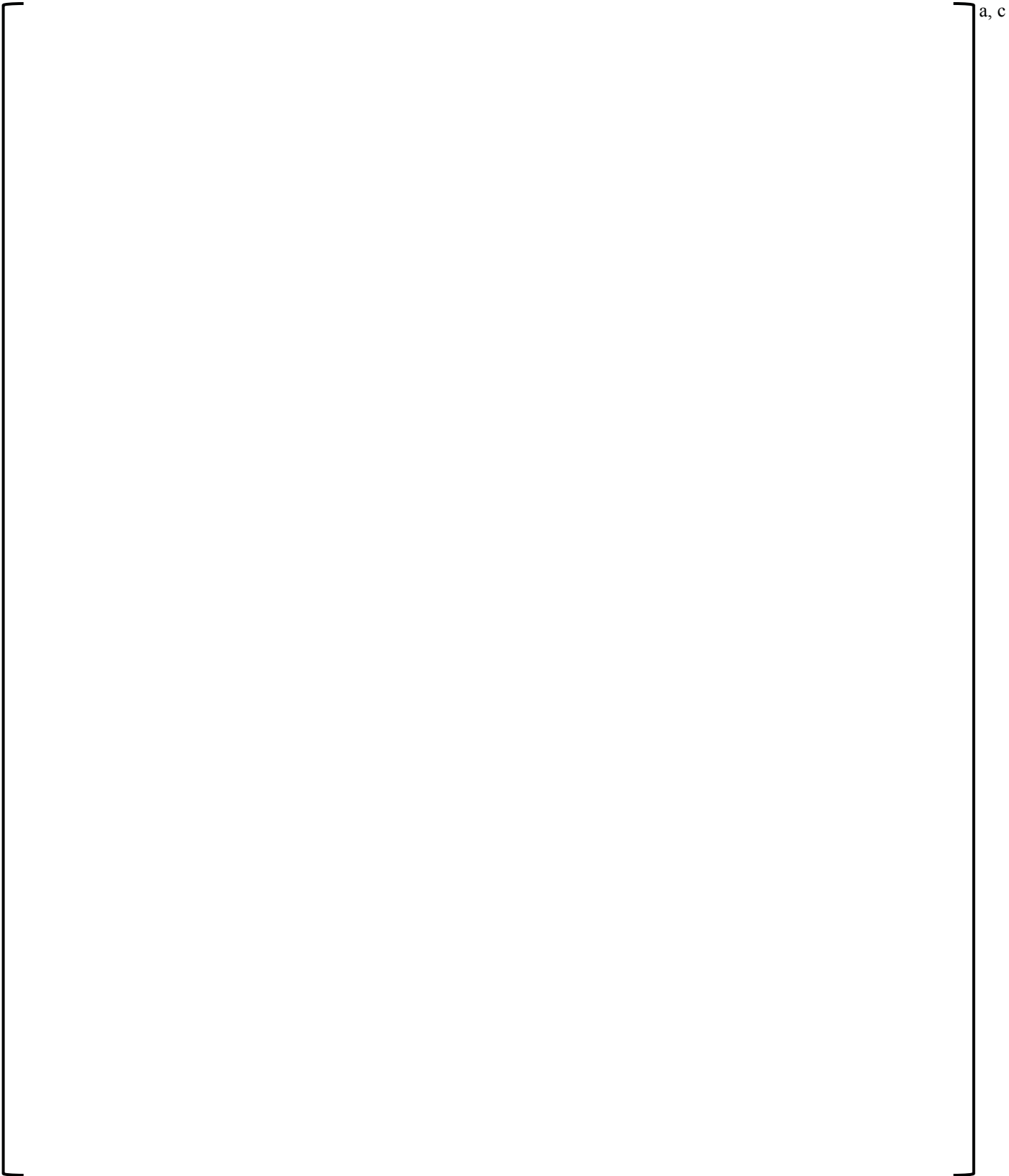
Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 8 of 59



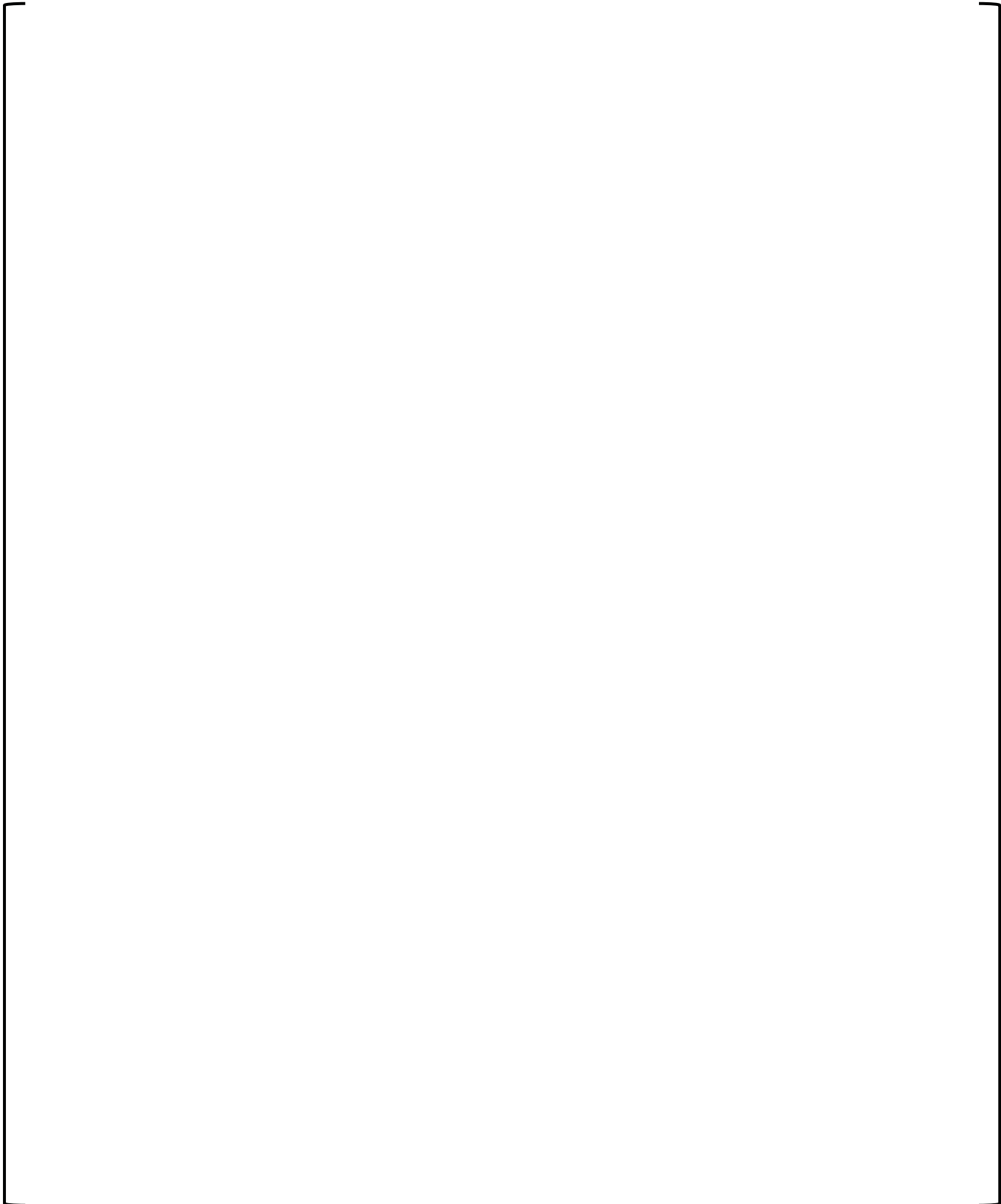
Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 9 of 59



Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 10 of 59

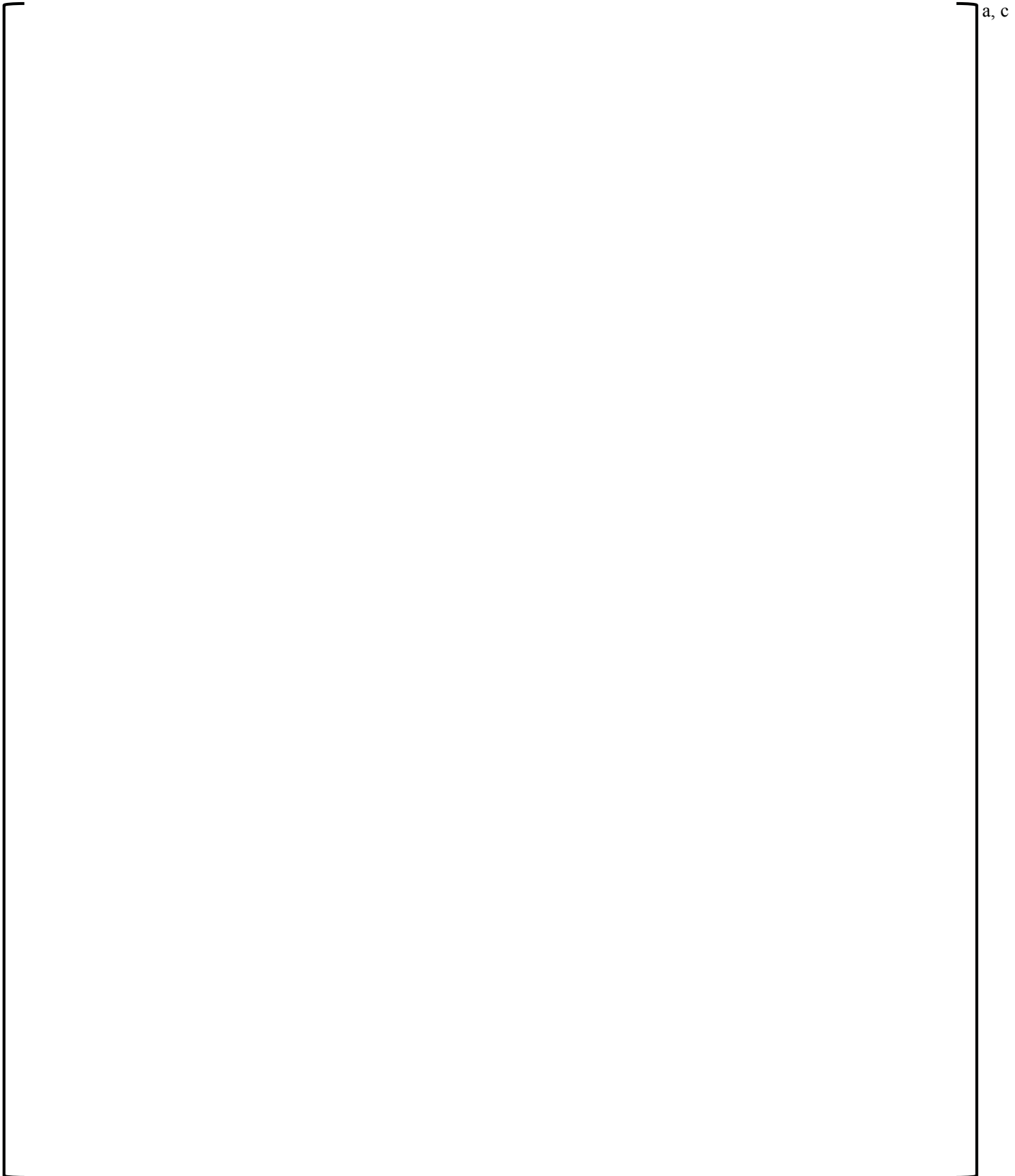


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	VOGTLE	Version E=0.4
	Unit 3	Page 11 of 59

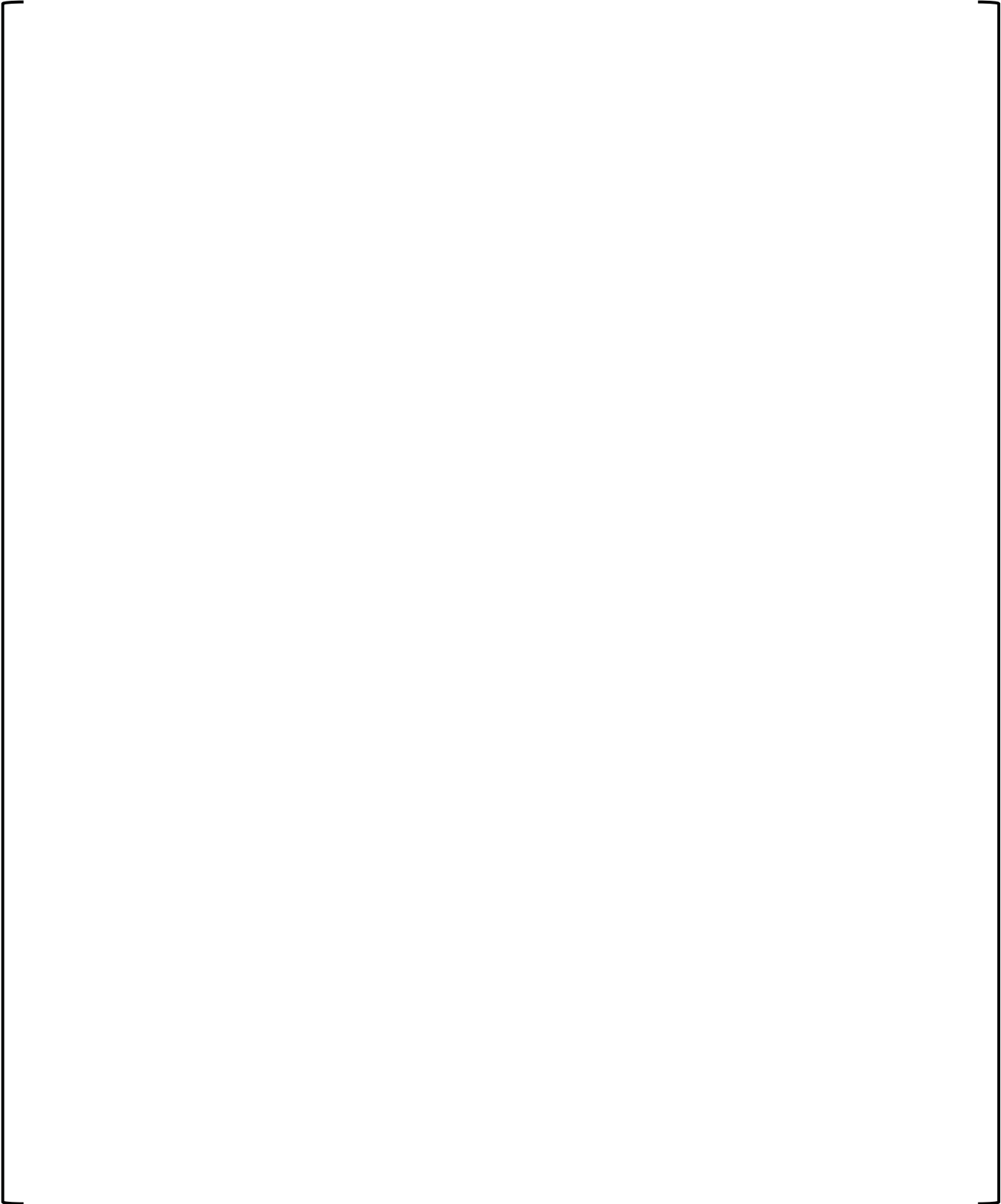


a, c

Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 12 of 59

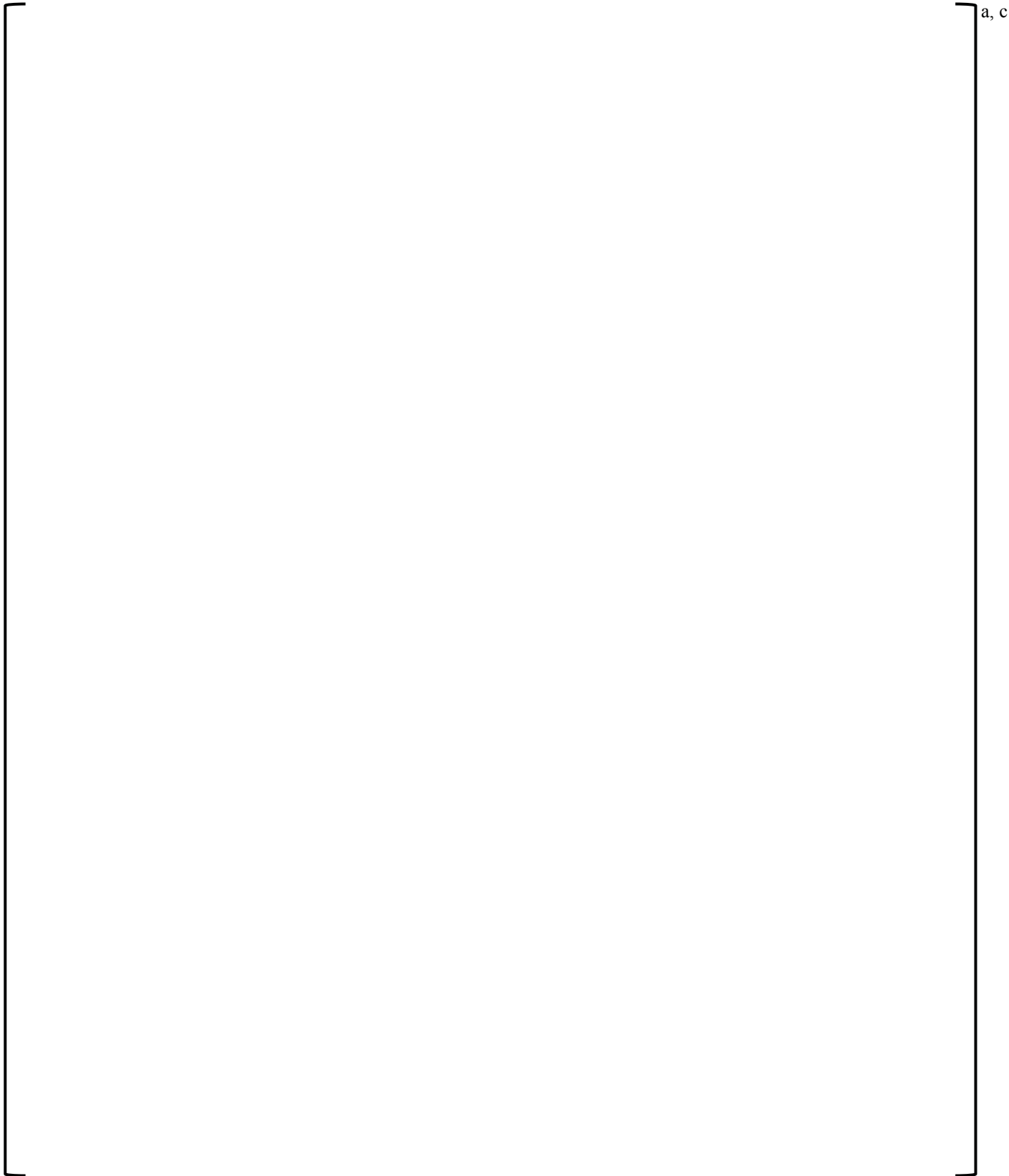


Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 13 of 59

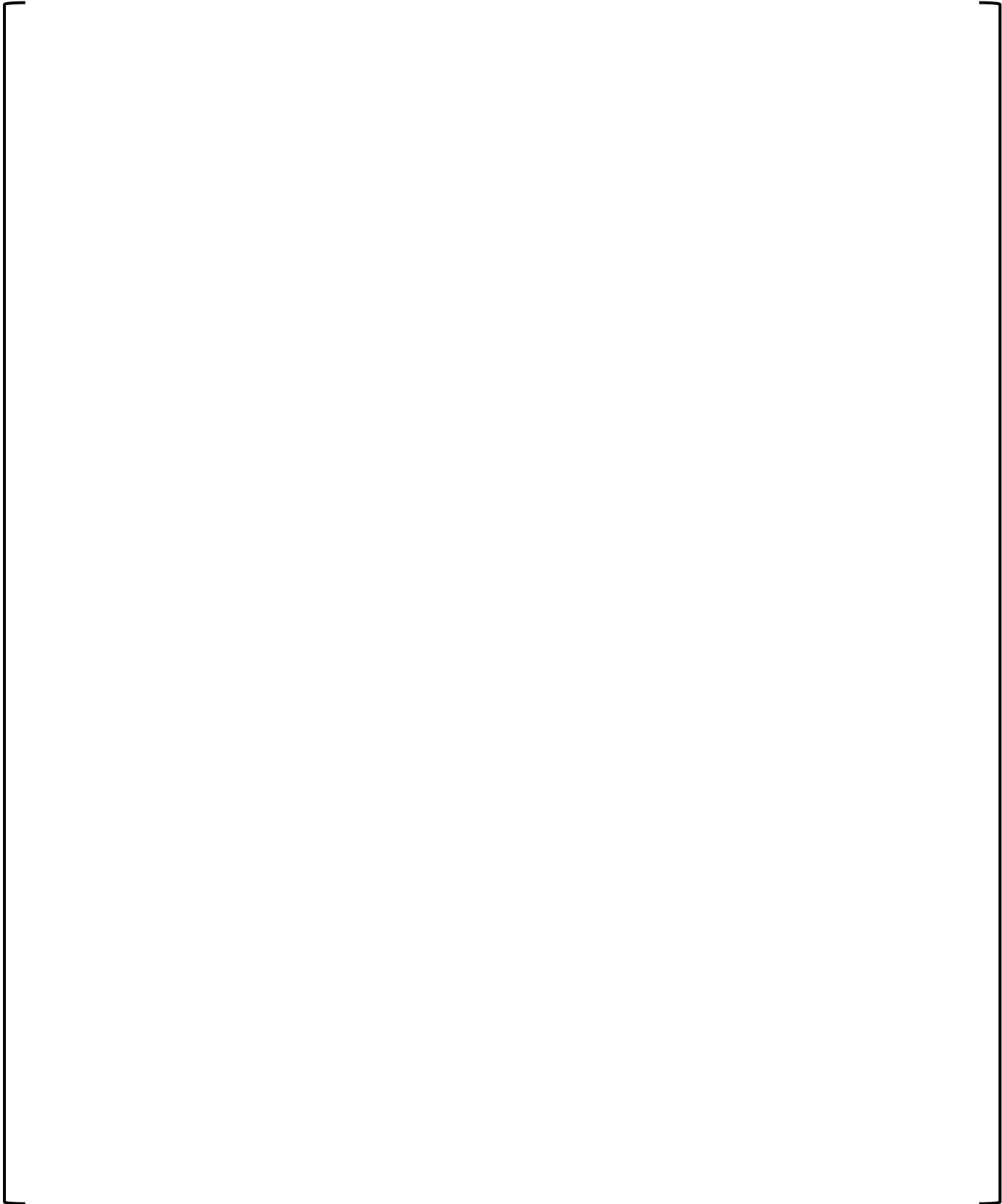


a, c

Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 14 of 59



Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 15 of 59

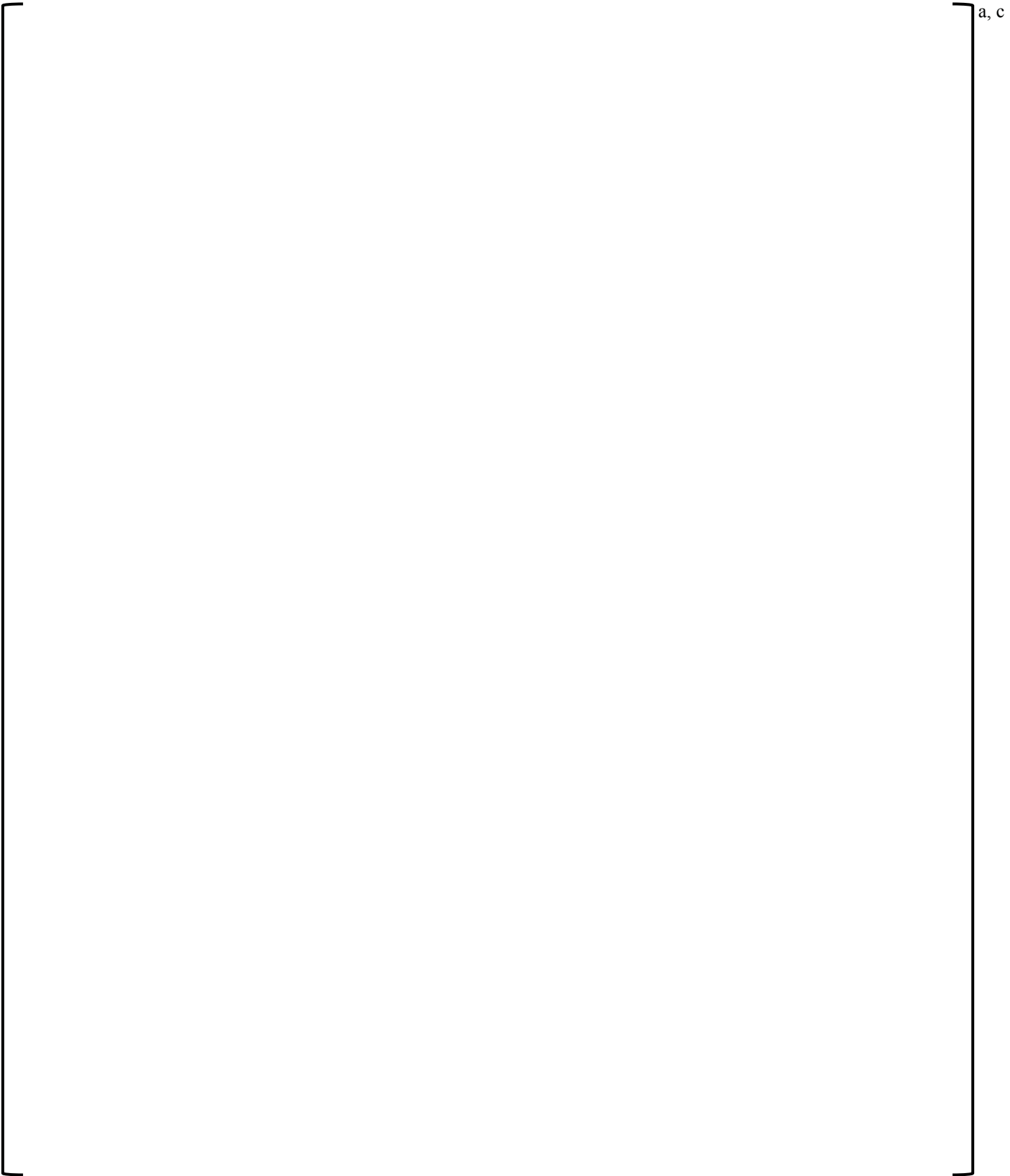


a, c

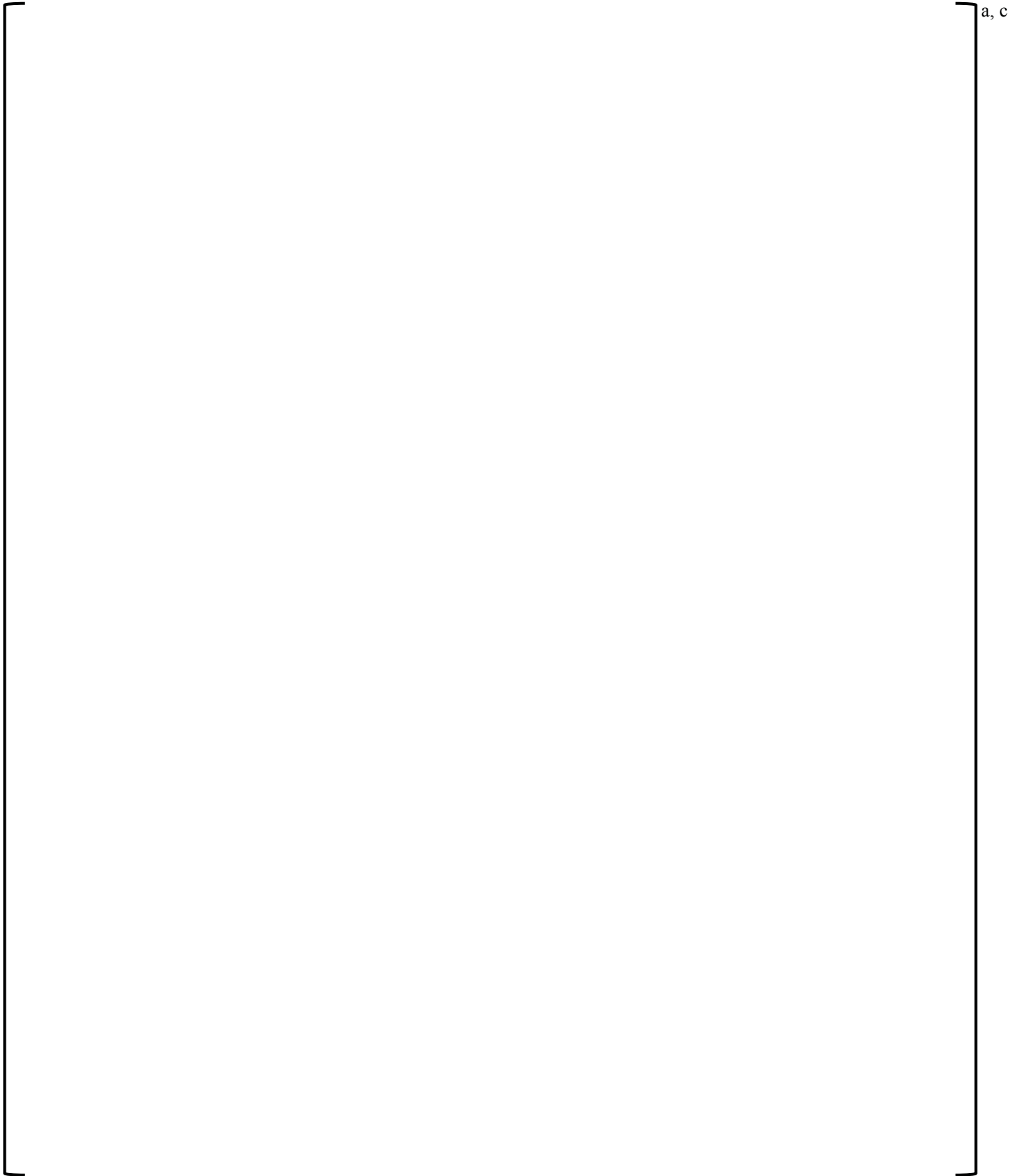
Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 16 of 59



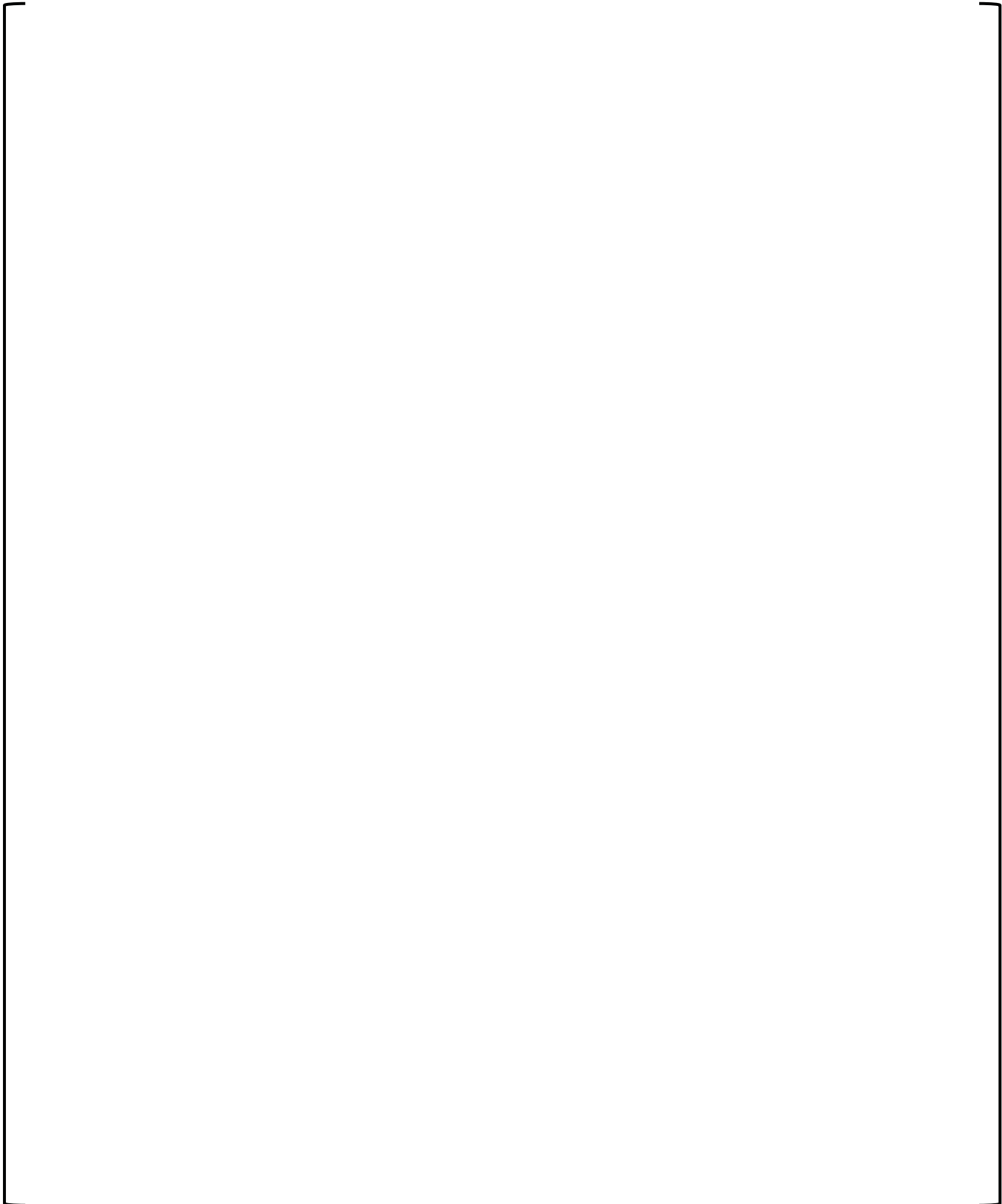
Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 17 of 59



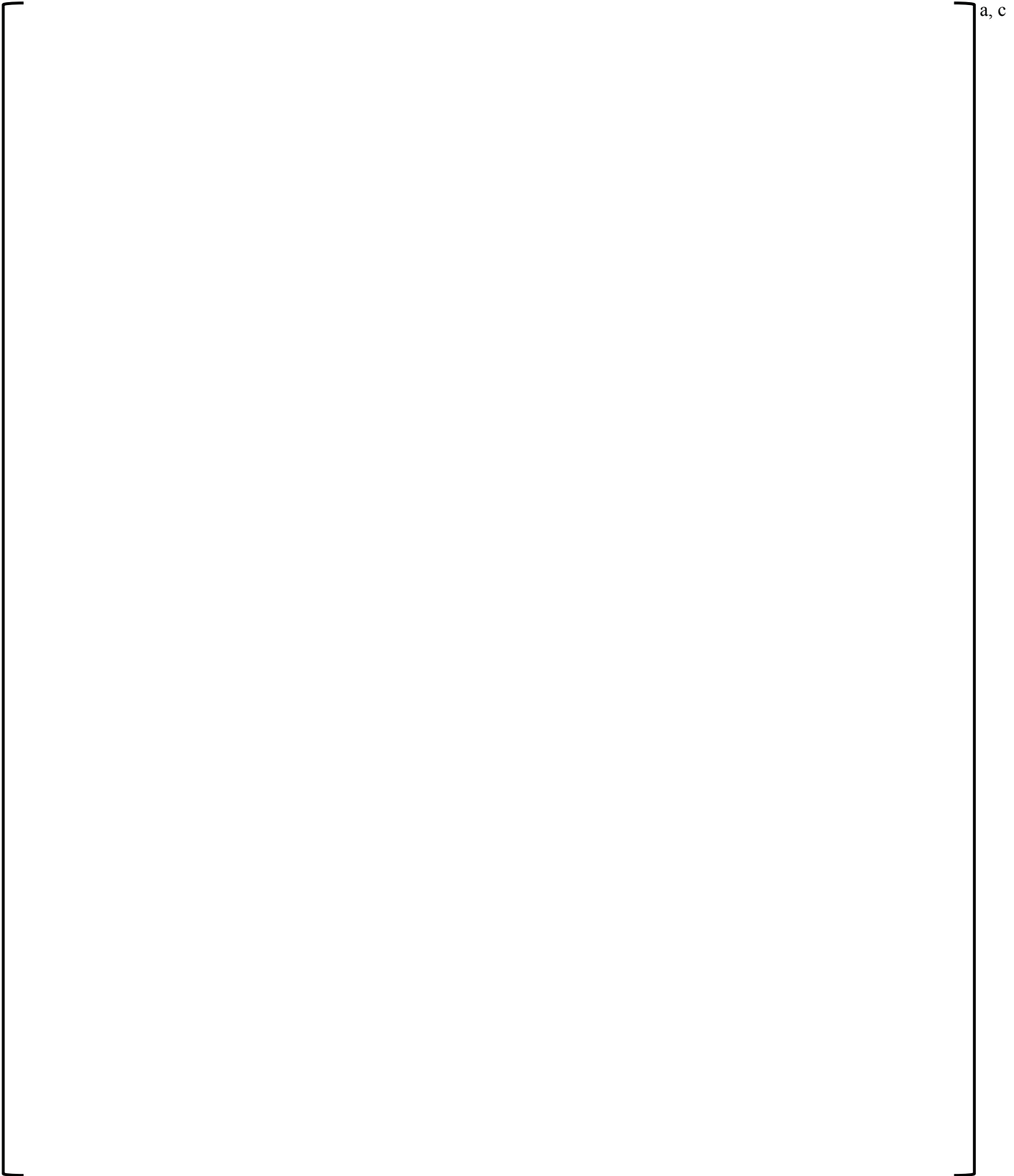
Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 18 of 59



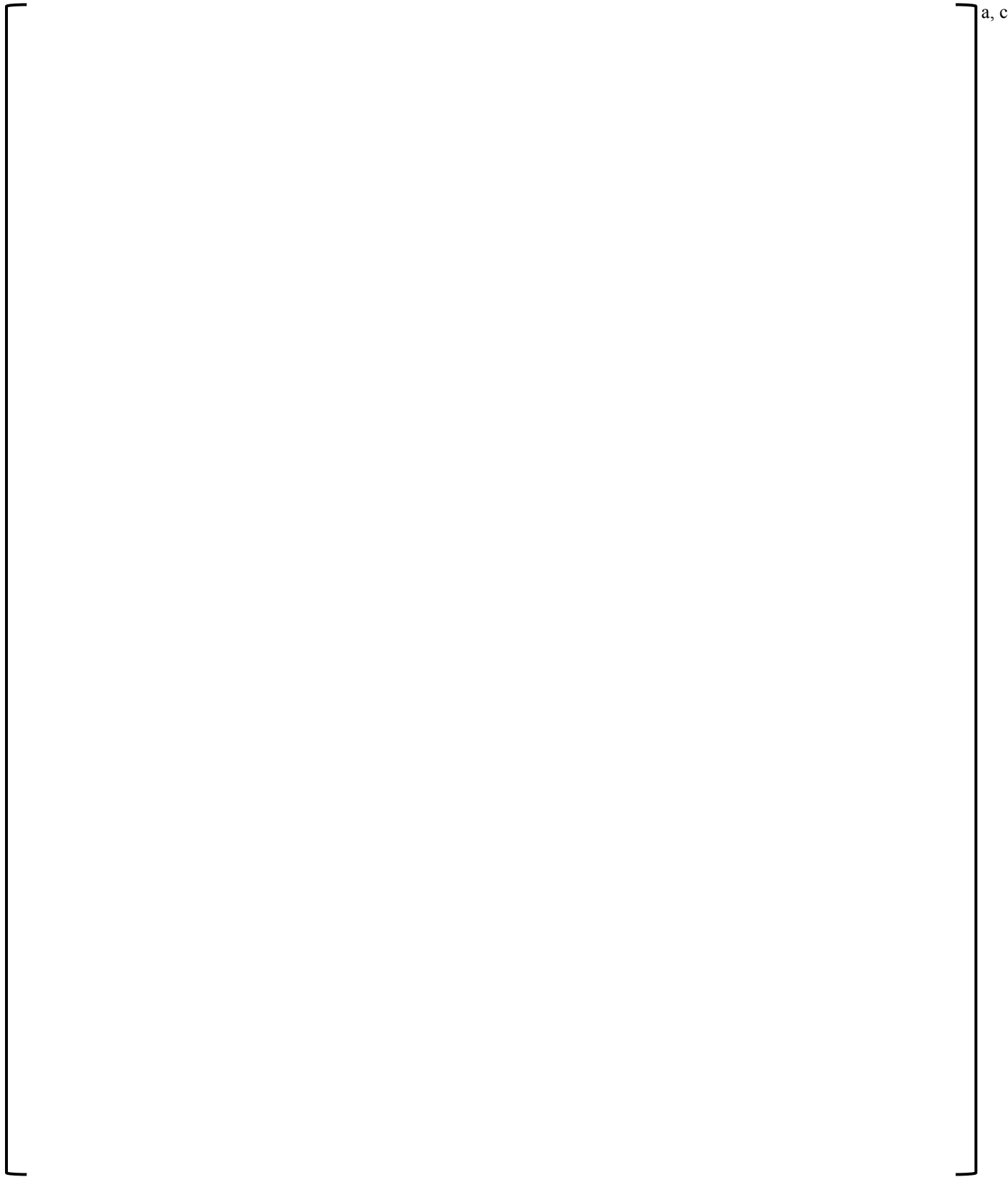
Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 19 of 59



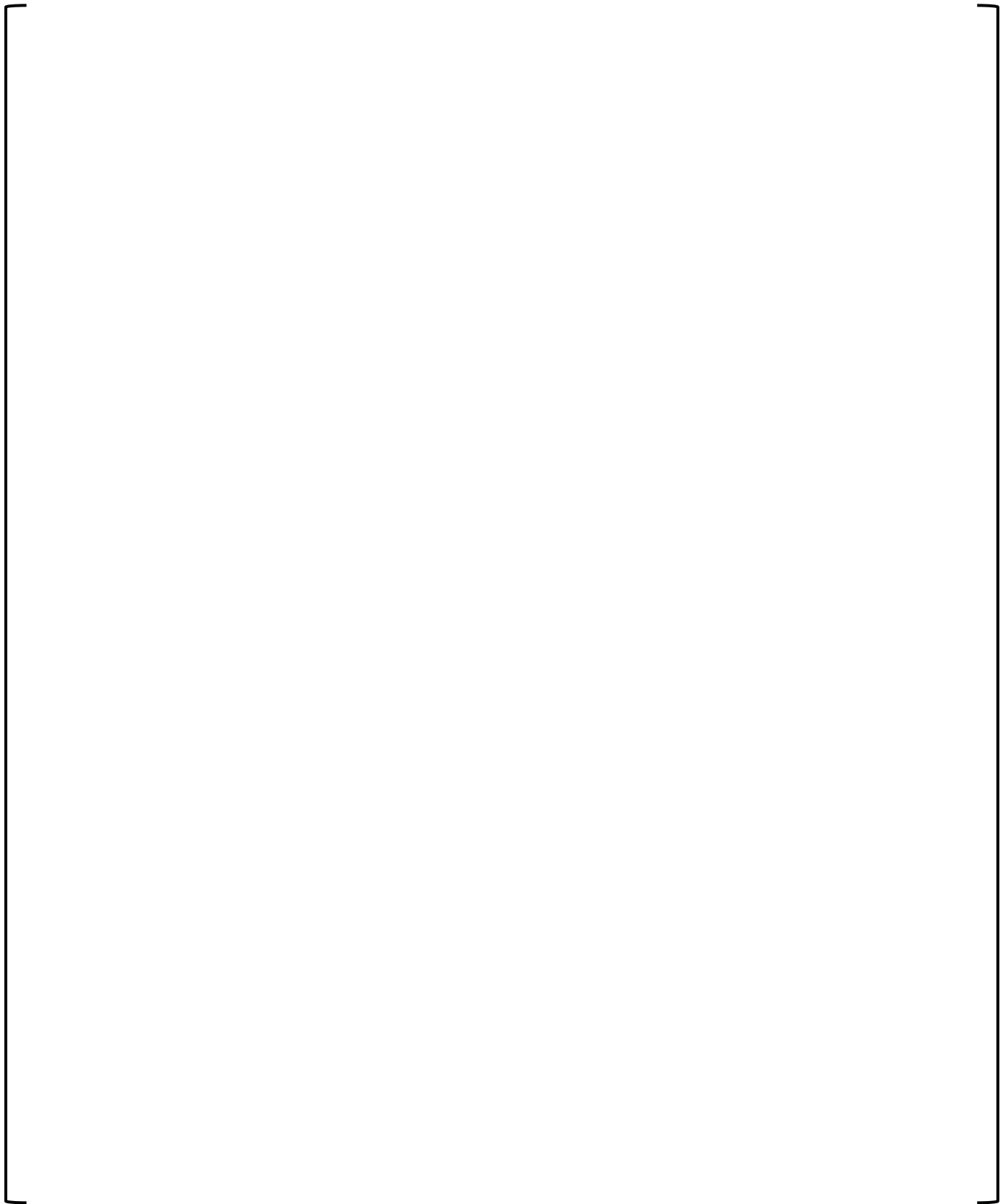
Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 20 of 59



Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 21 of 59

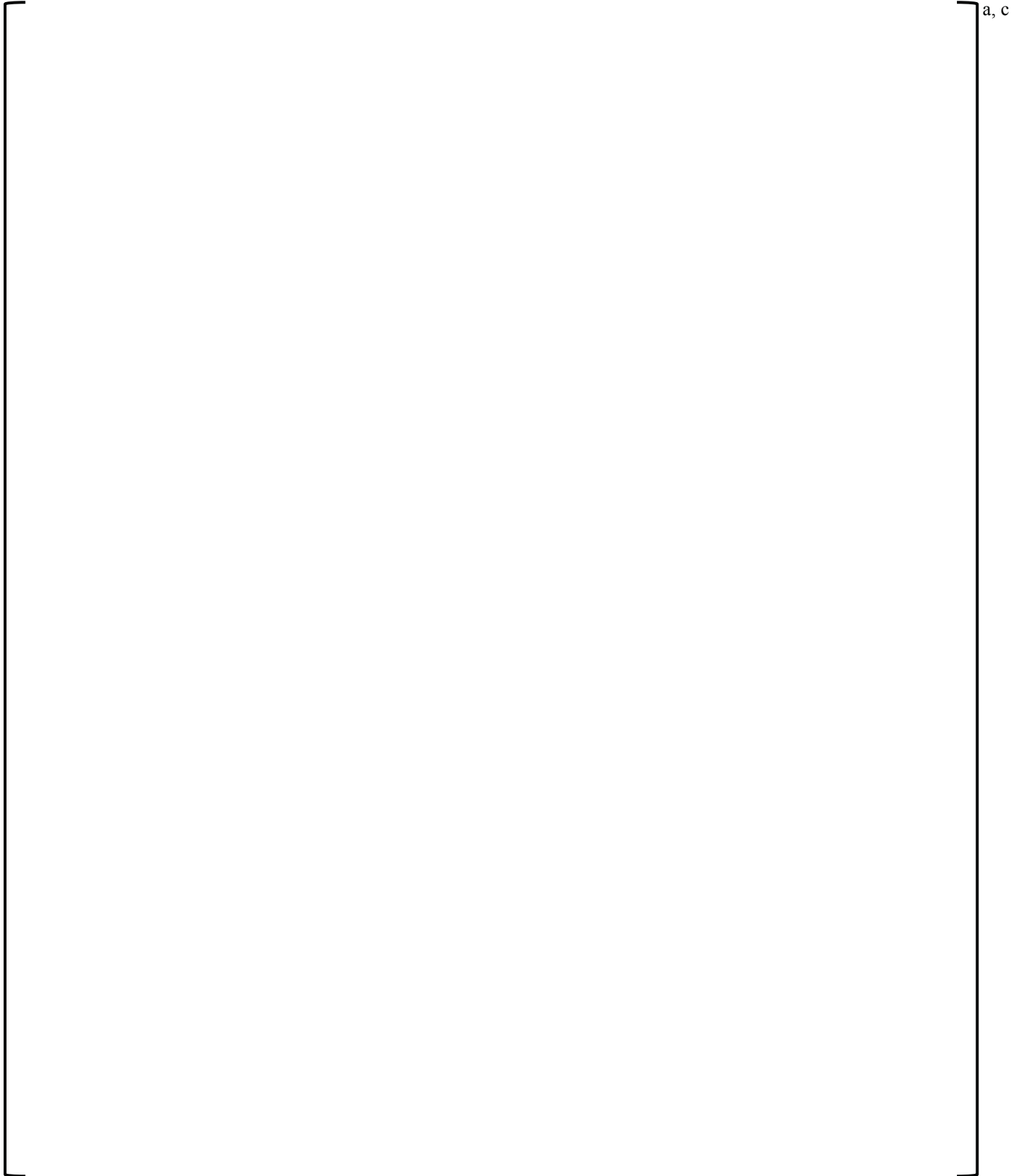


Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 22 of 59

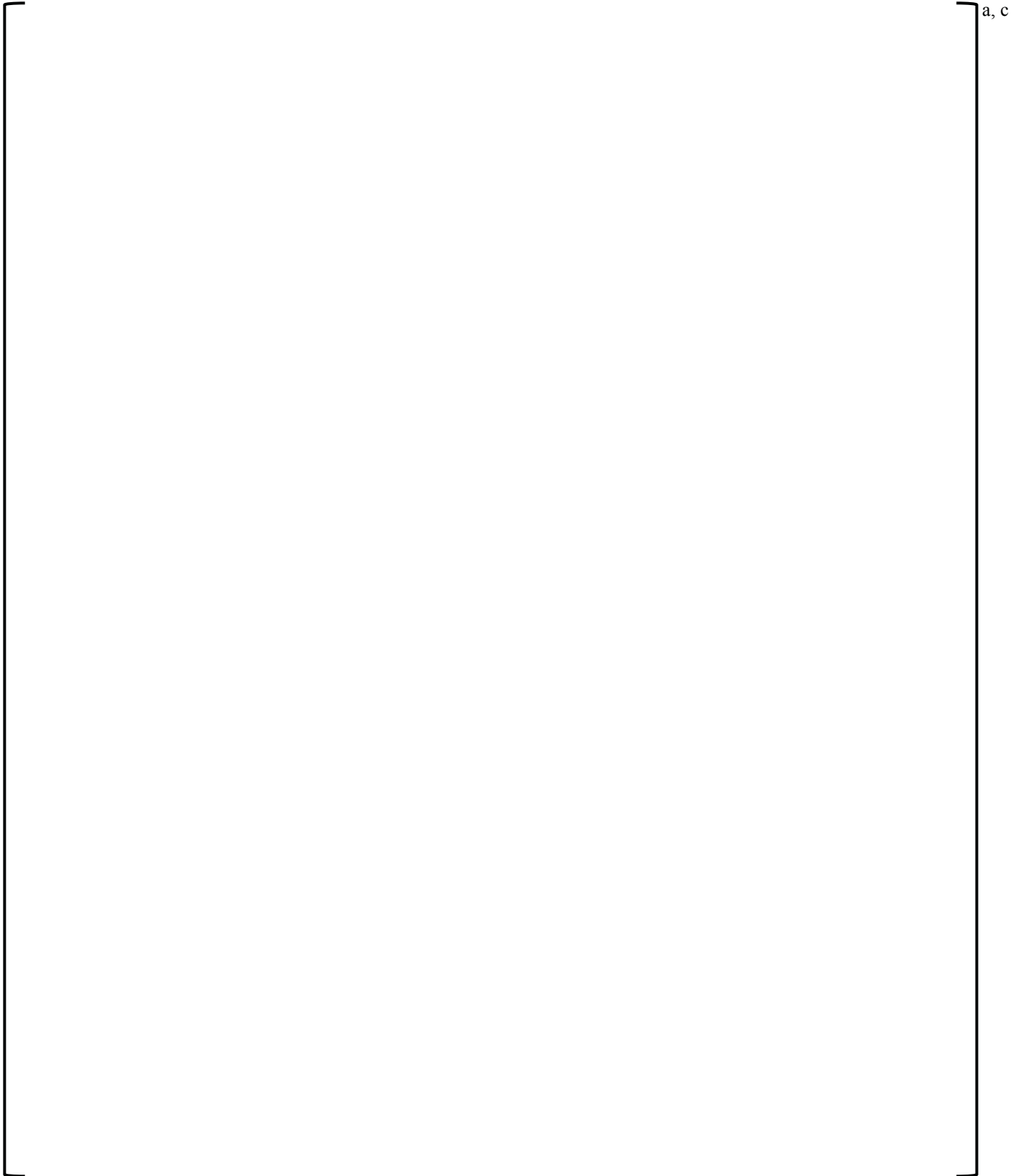


a, c

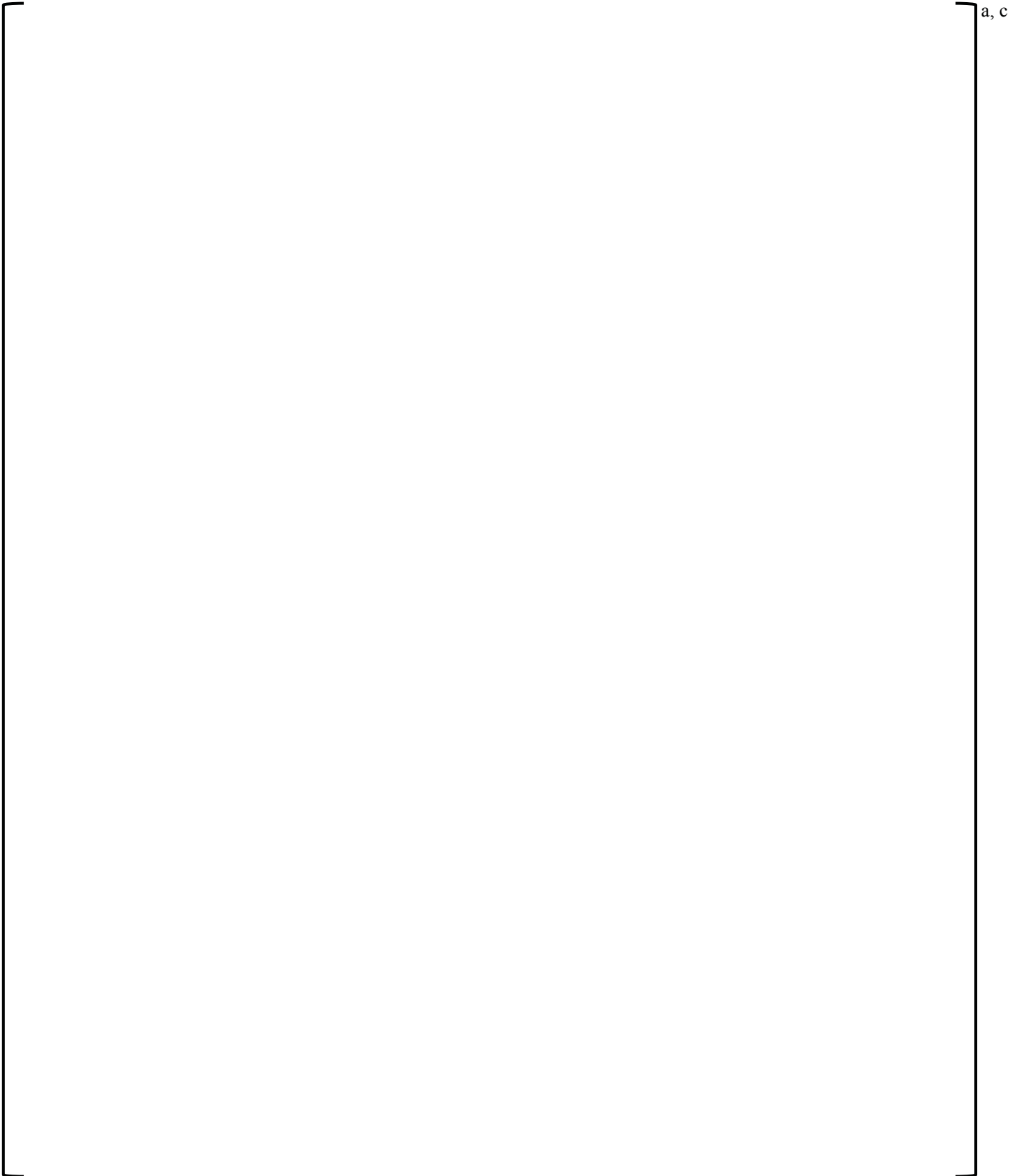
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	VOGTLE	Version E=0.4
	Unit 3	Page 23 of 59



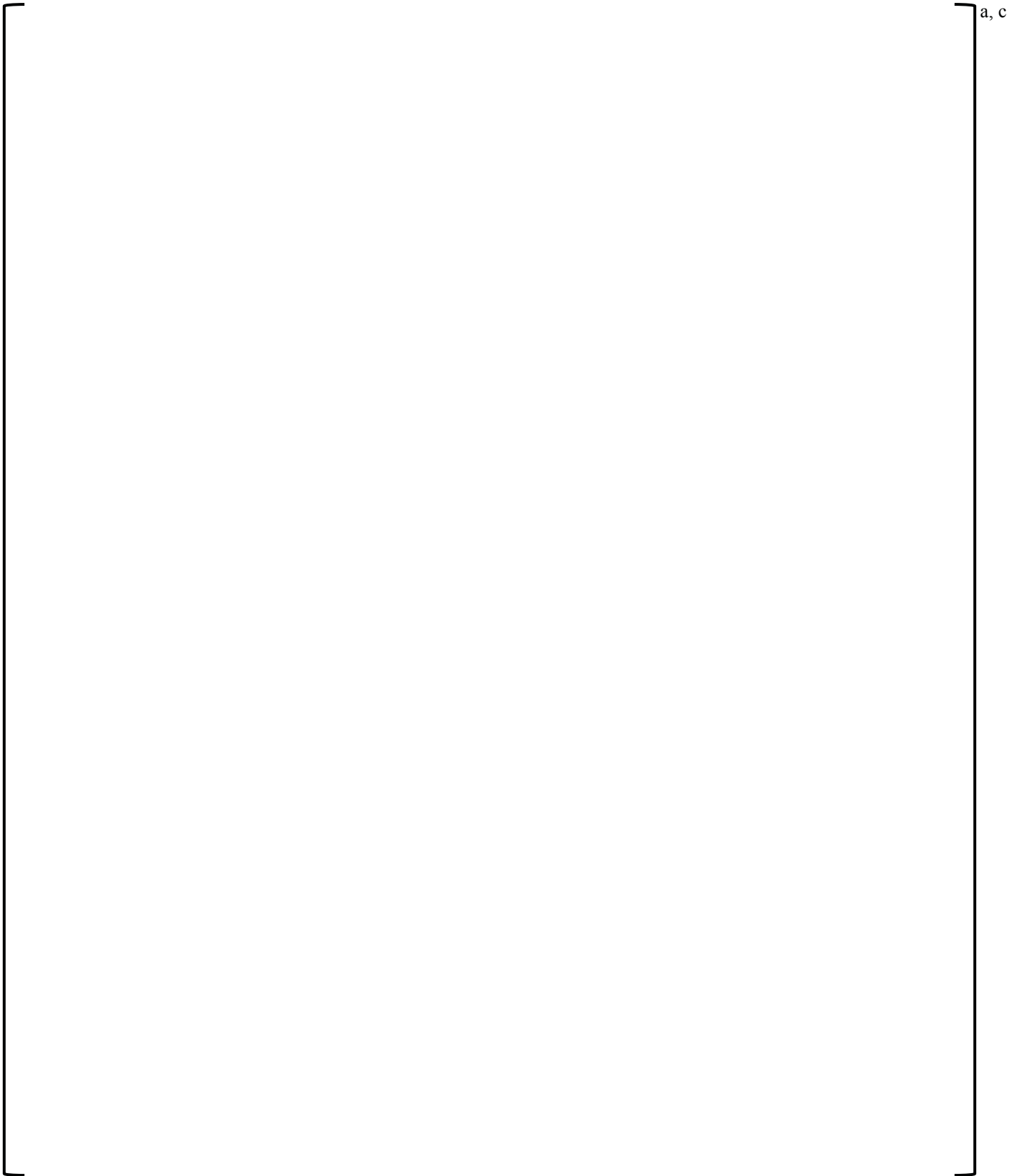
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	Unit 3	Page 24 of 59



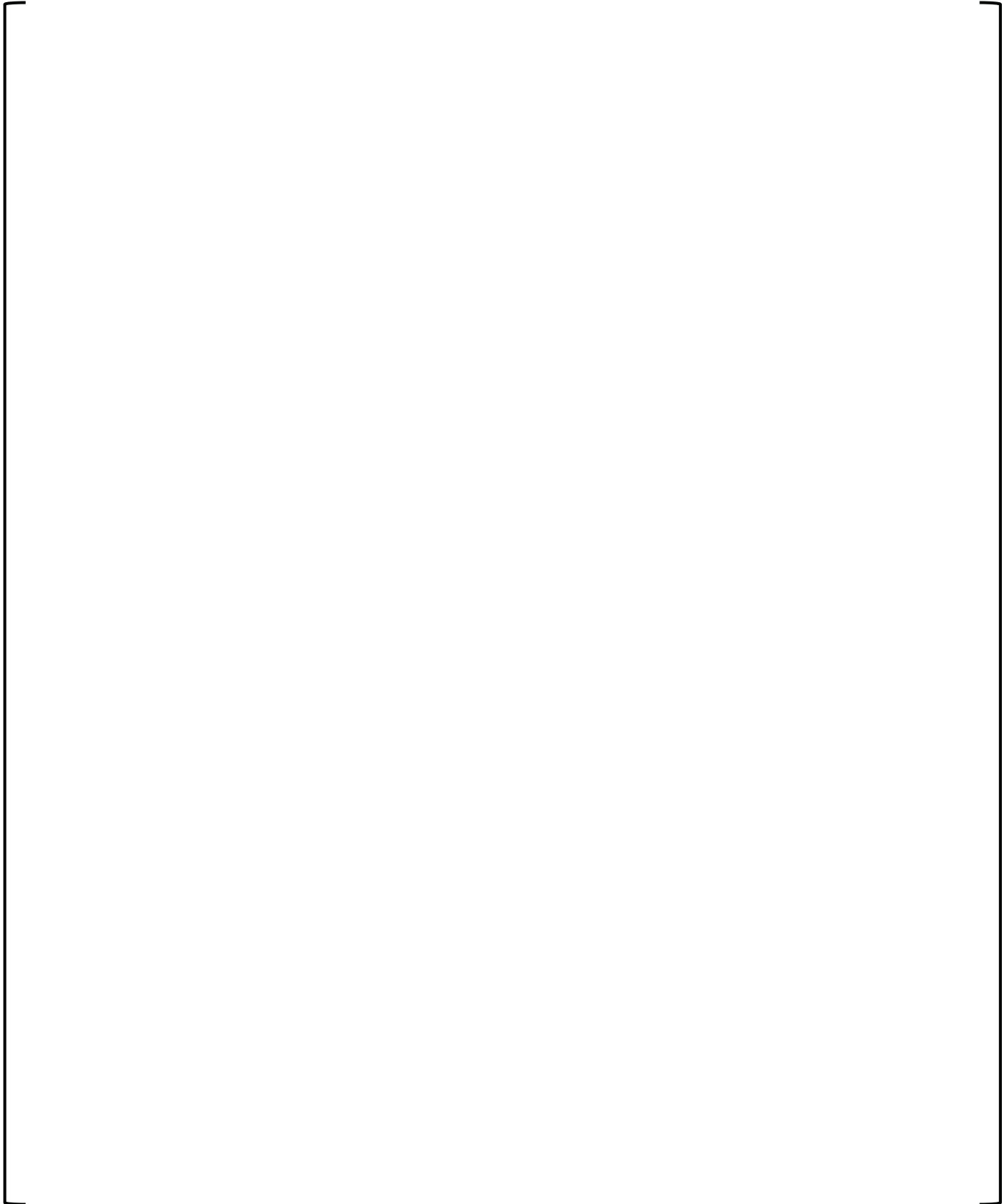
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	VOGTLE	Version E=0.4
	Unit 3	Page 25 of 59



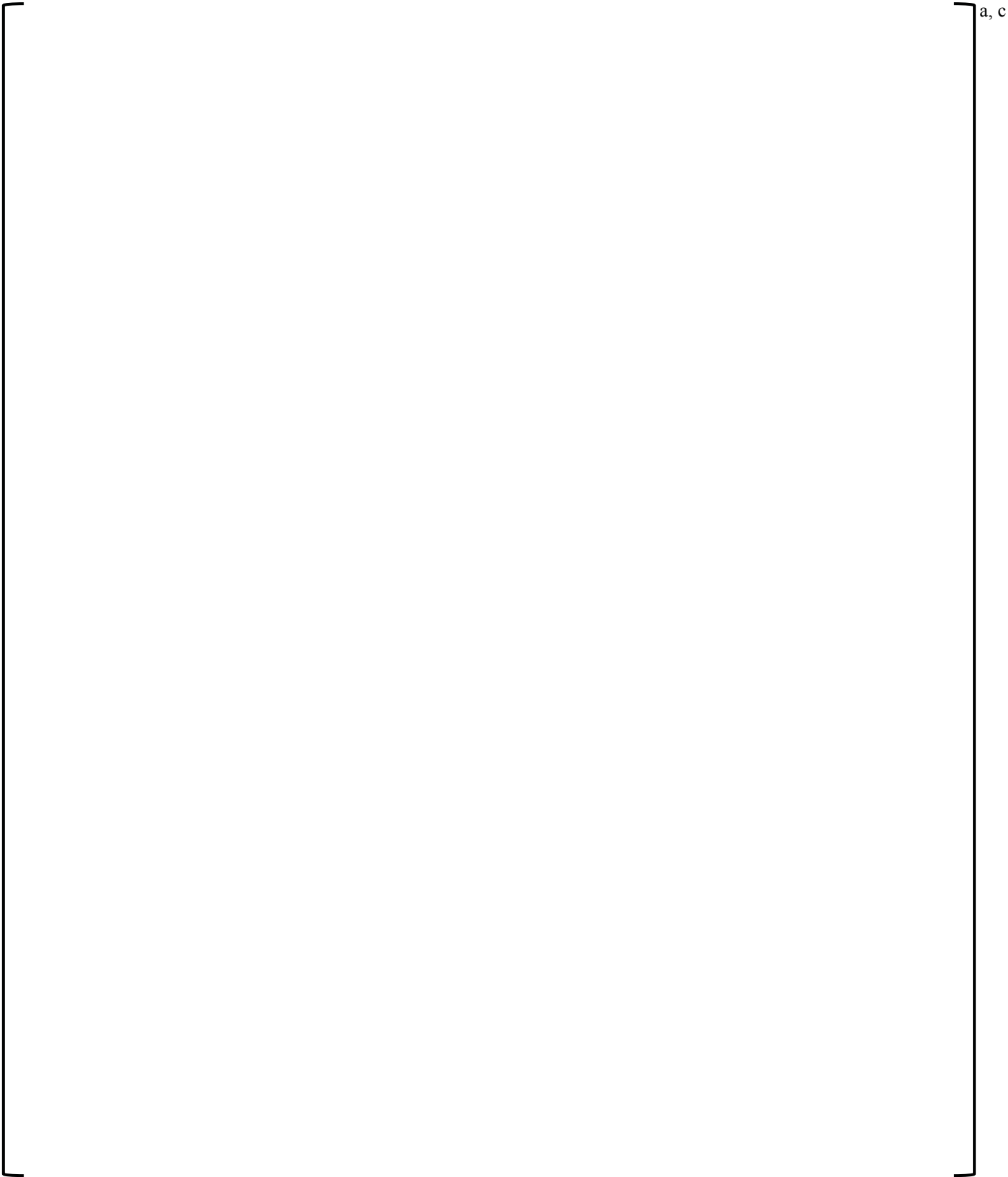
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	Unit 3	Page 26 of 59



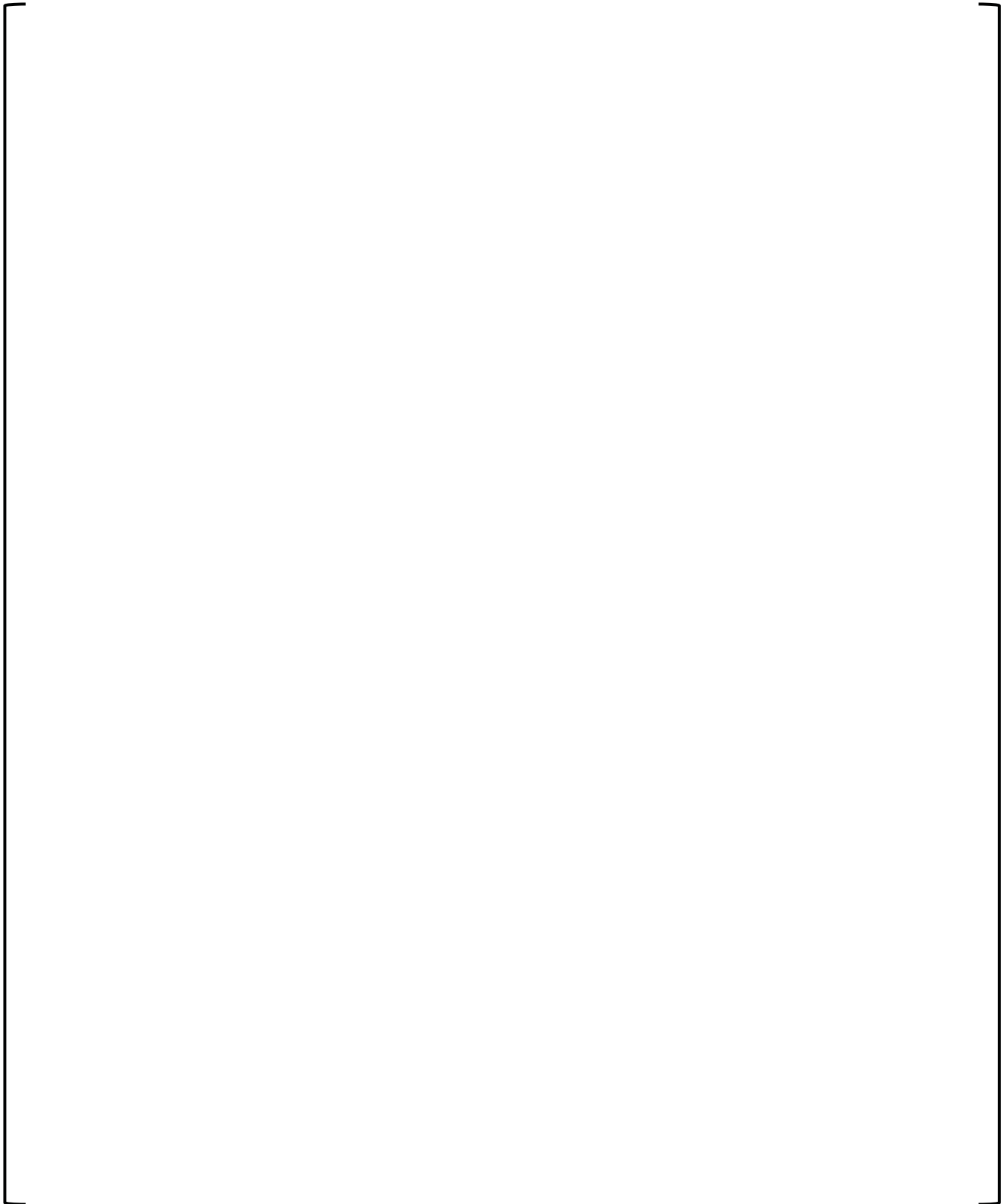
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	Unit 3	Page 27 of 59



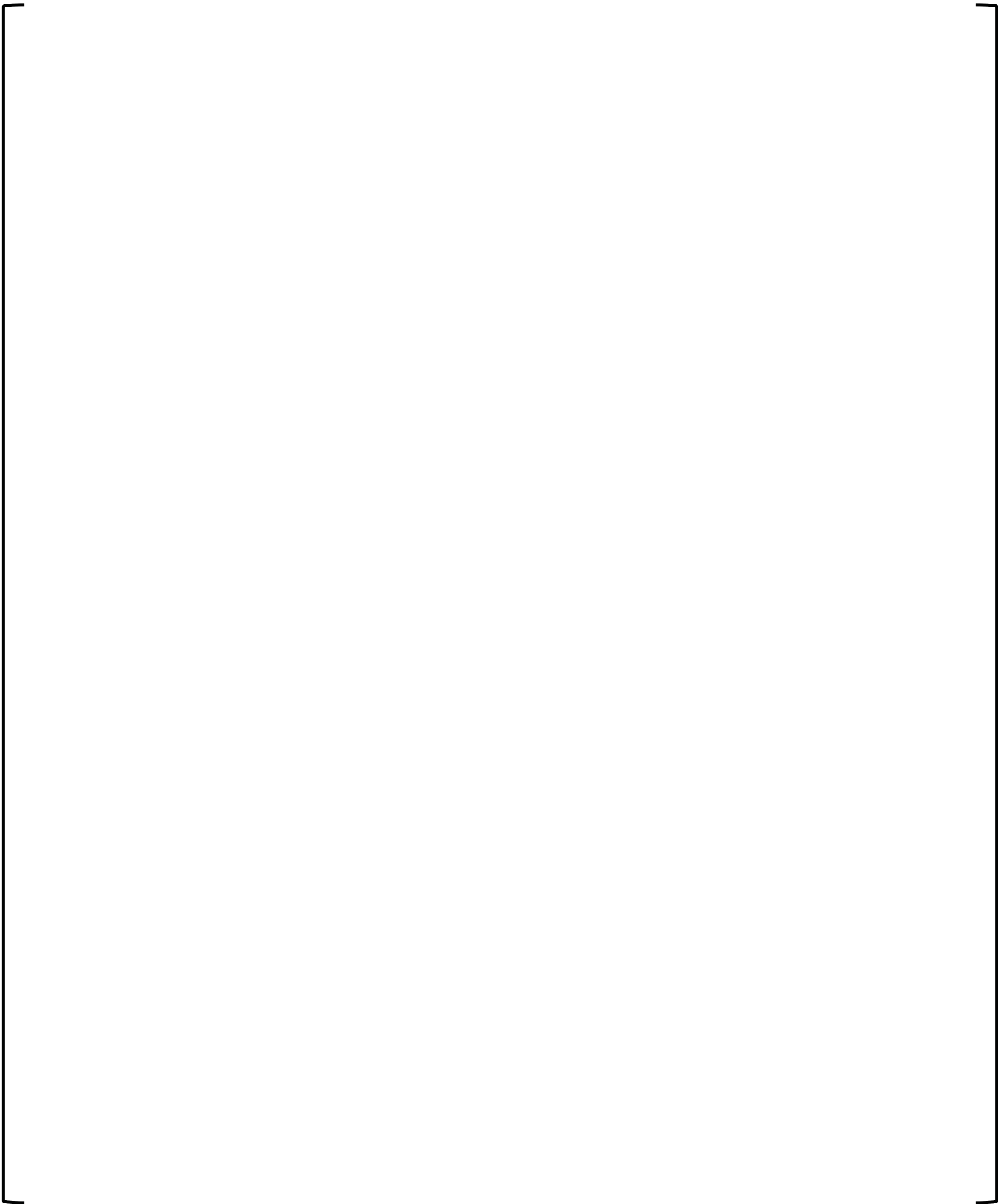
Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 28 of 59



Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 29 of 59



Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 30 of 59

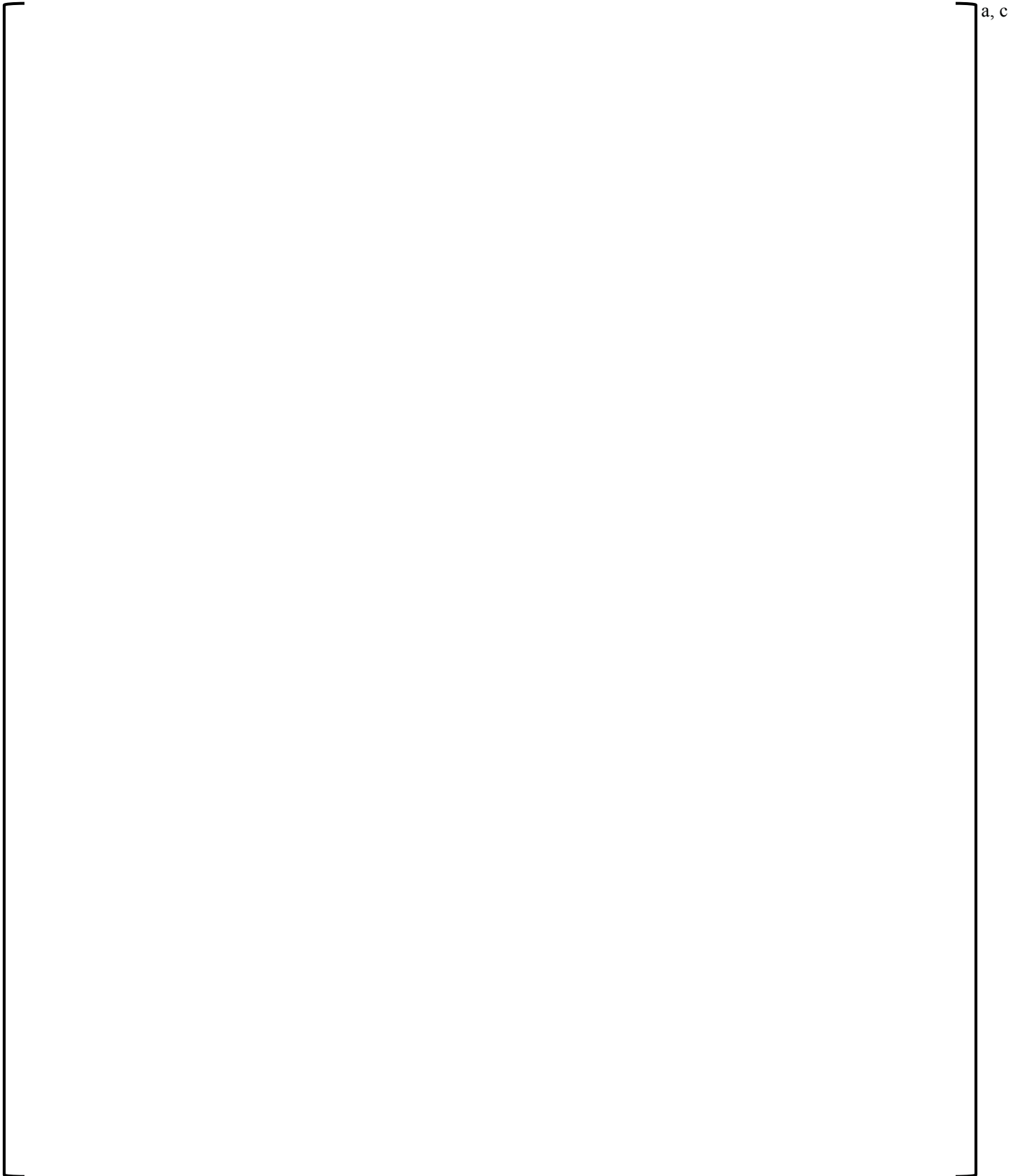


a, c

Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 31 of 59

[a, c]

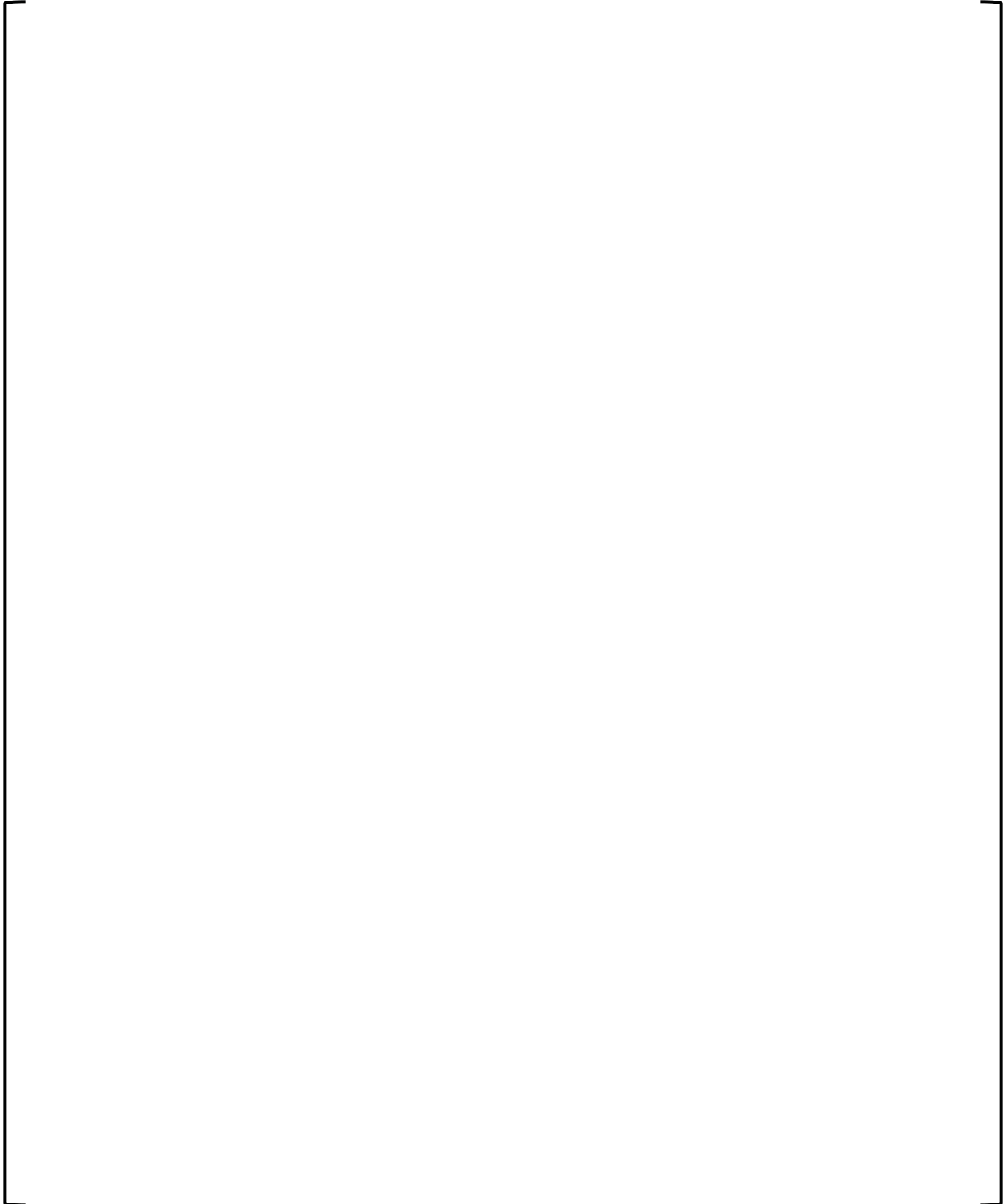
Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 32 of 59



Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 33 of 59

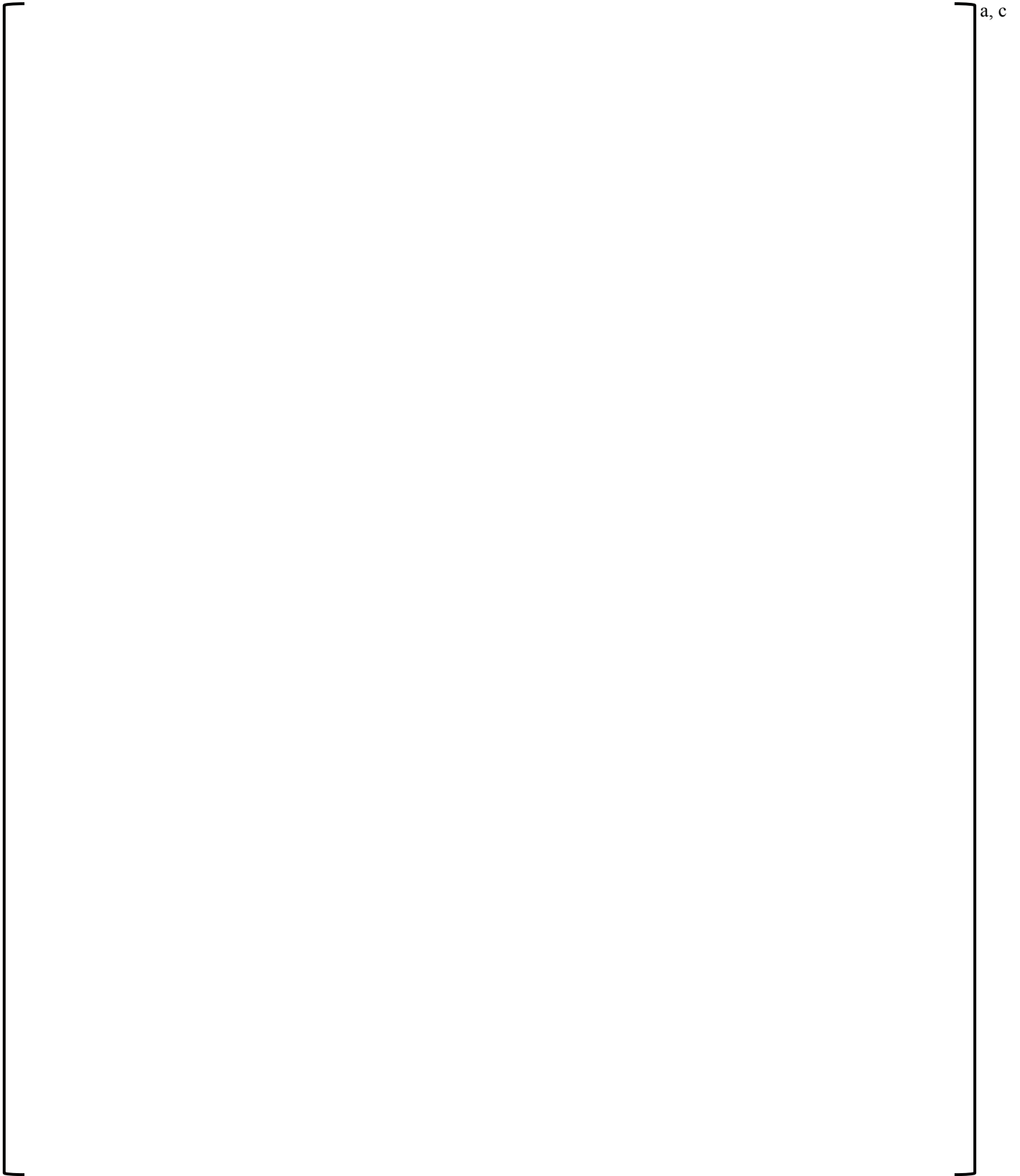
[a, c]

Reactor Trip or Safeguards Actuation	3-EOP-E-0	
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	Unit 3	Page 34 of 59

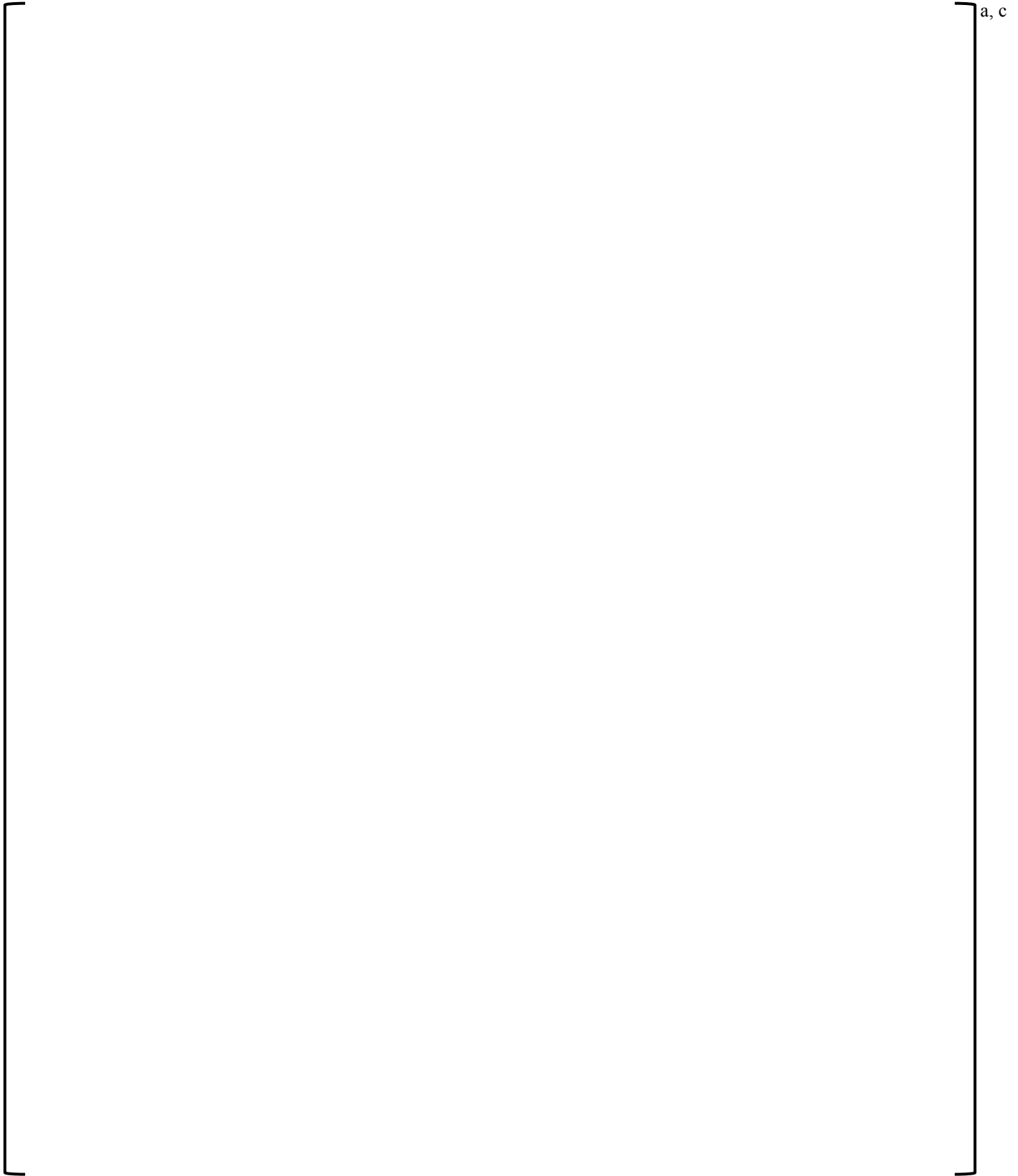


a, c

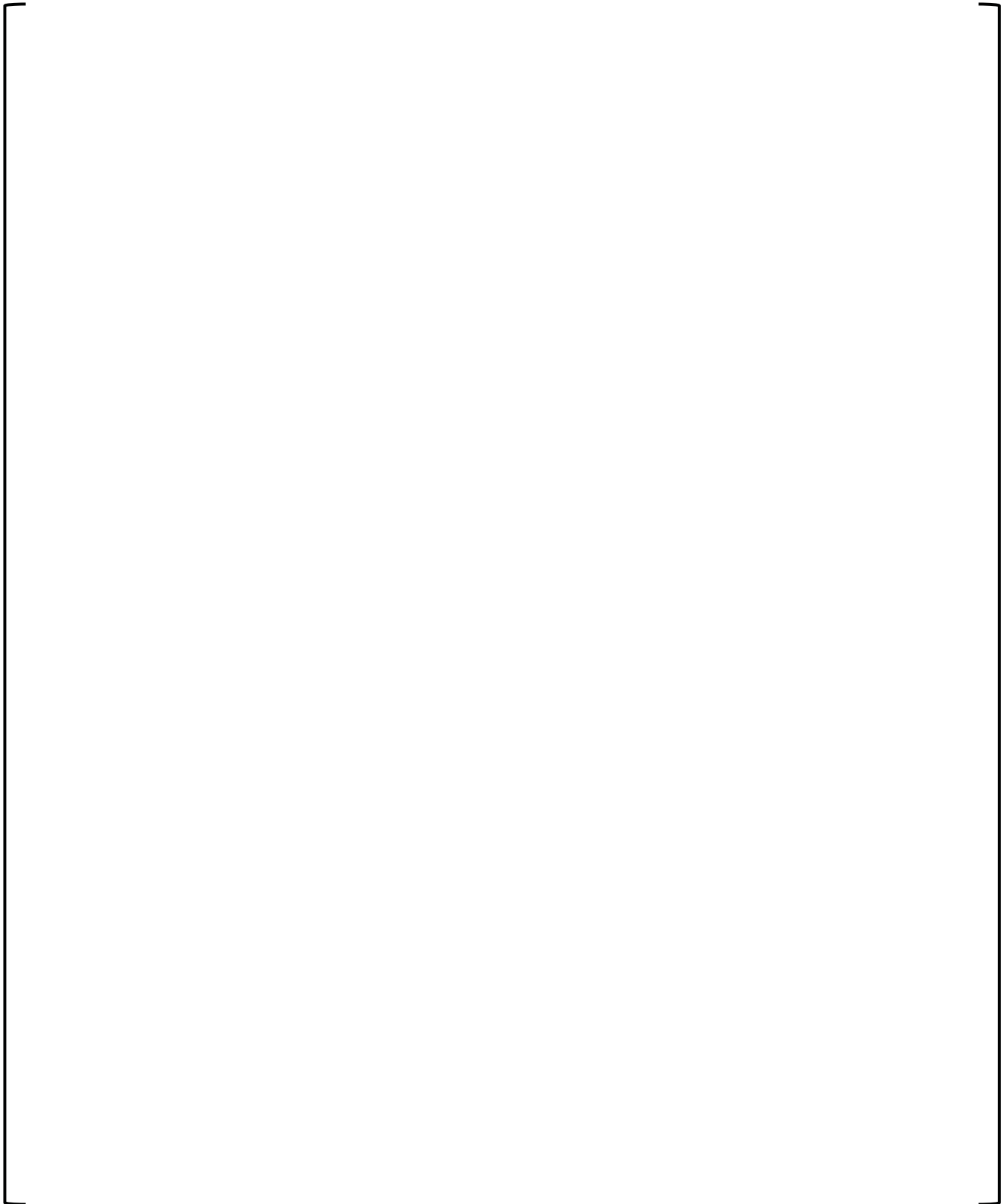
Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 35 of 59



Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 36 of 59

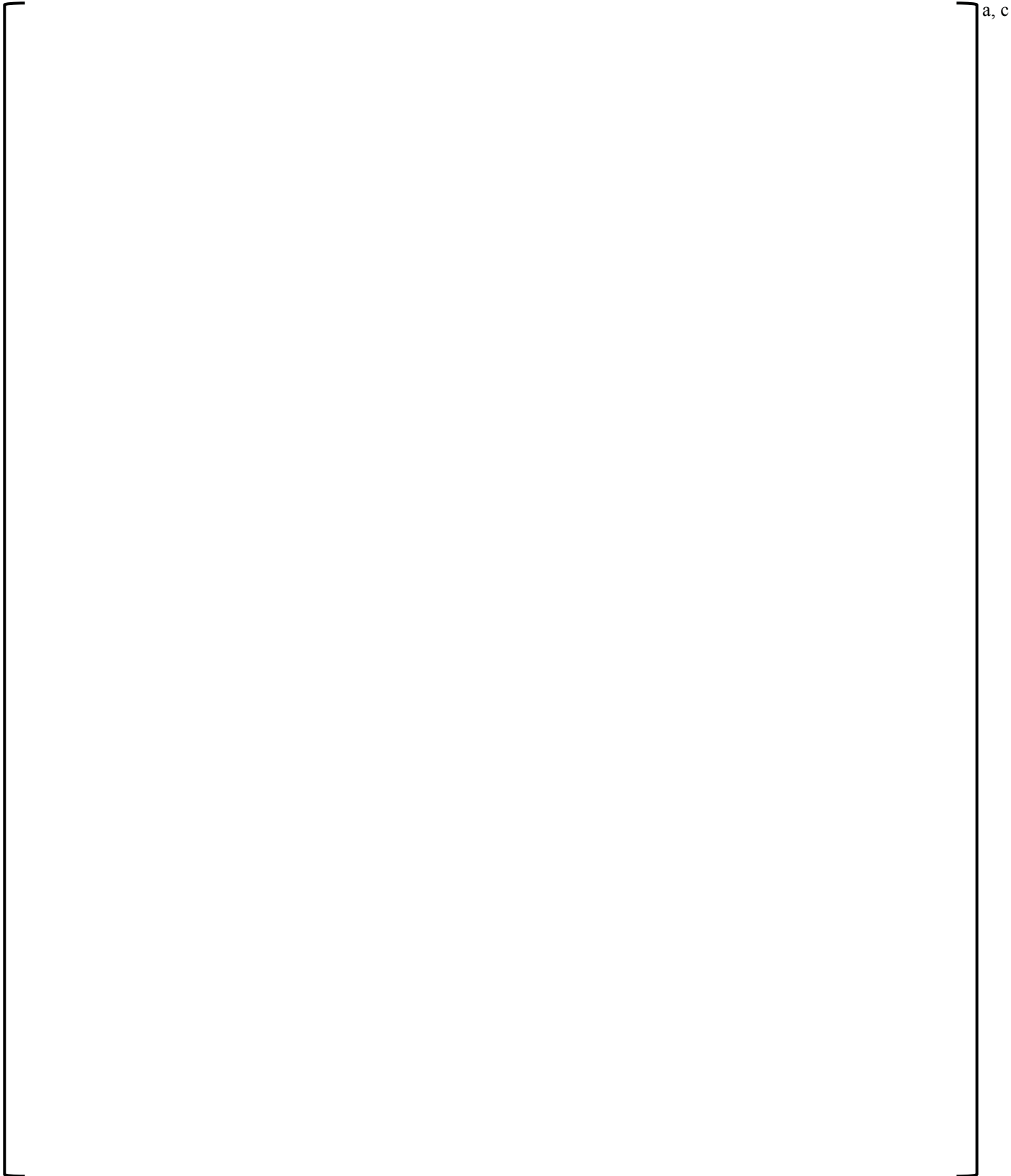


Reactor Trip or Safeguards Actuation	3-EOP-E-0	
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	Unit 3	Page 37 of 59

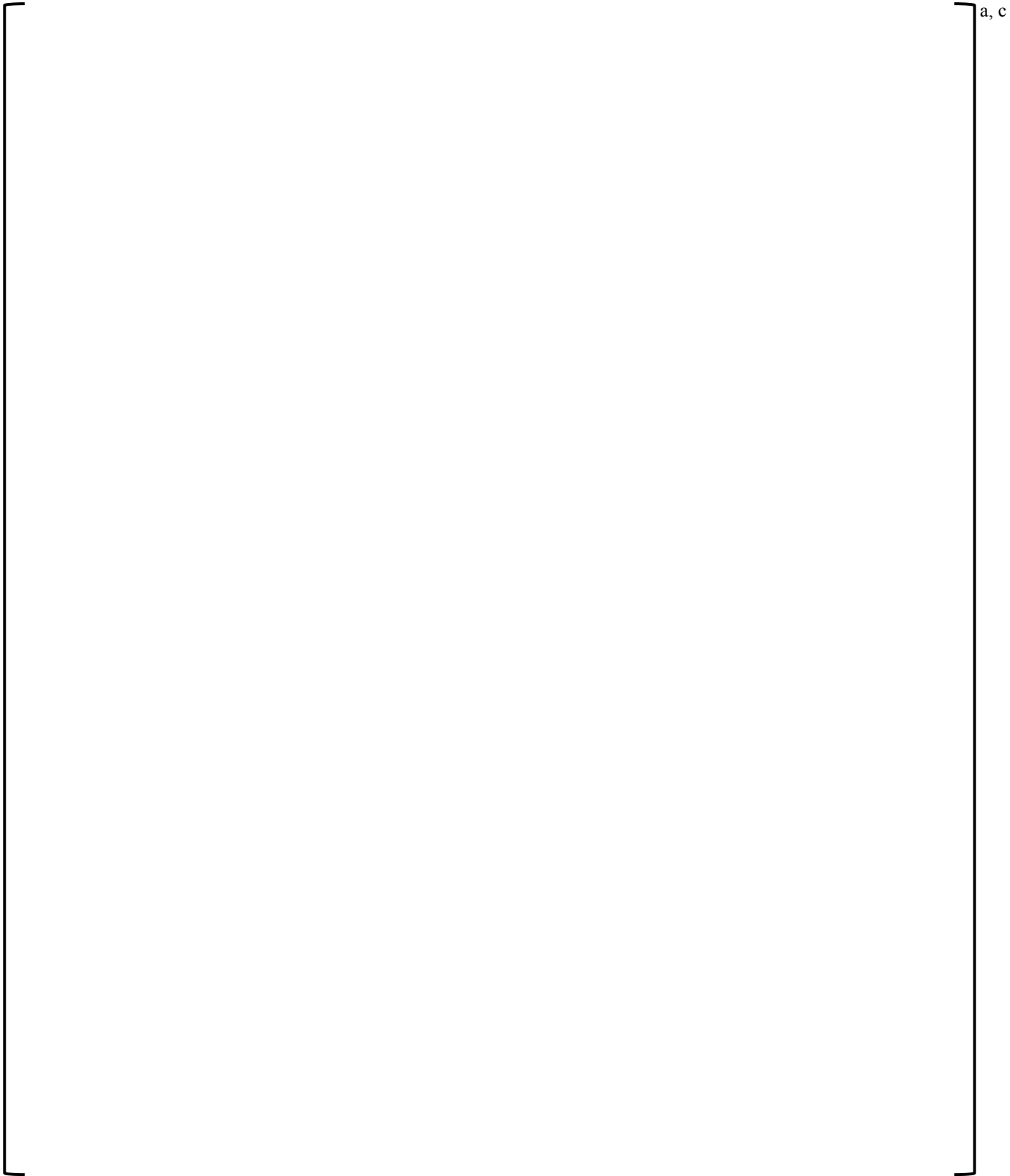


a, c

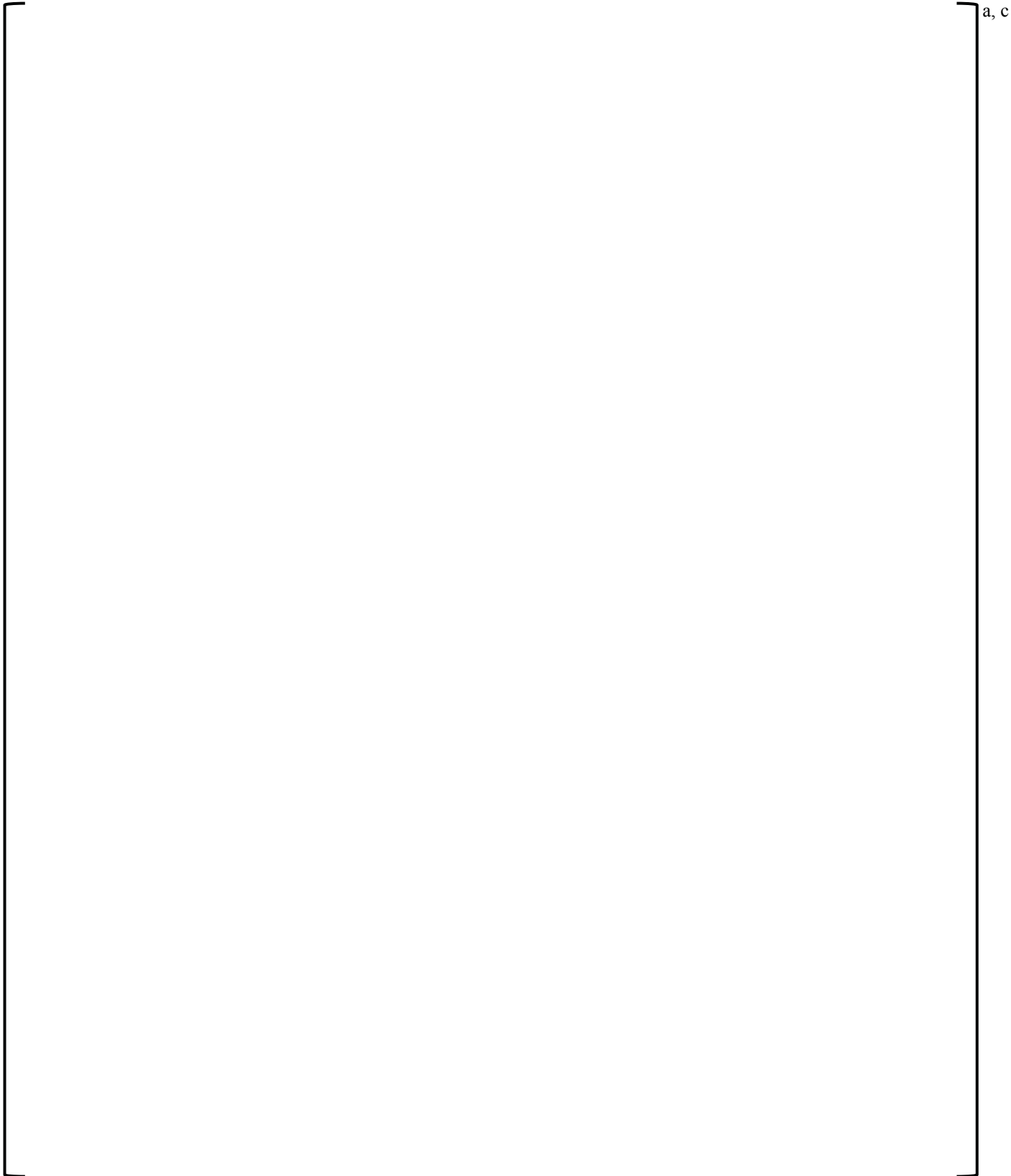
Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 38 of 59



Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 39 of 59



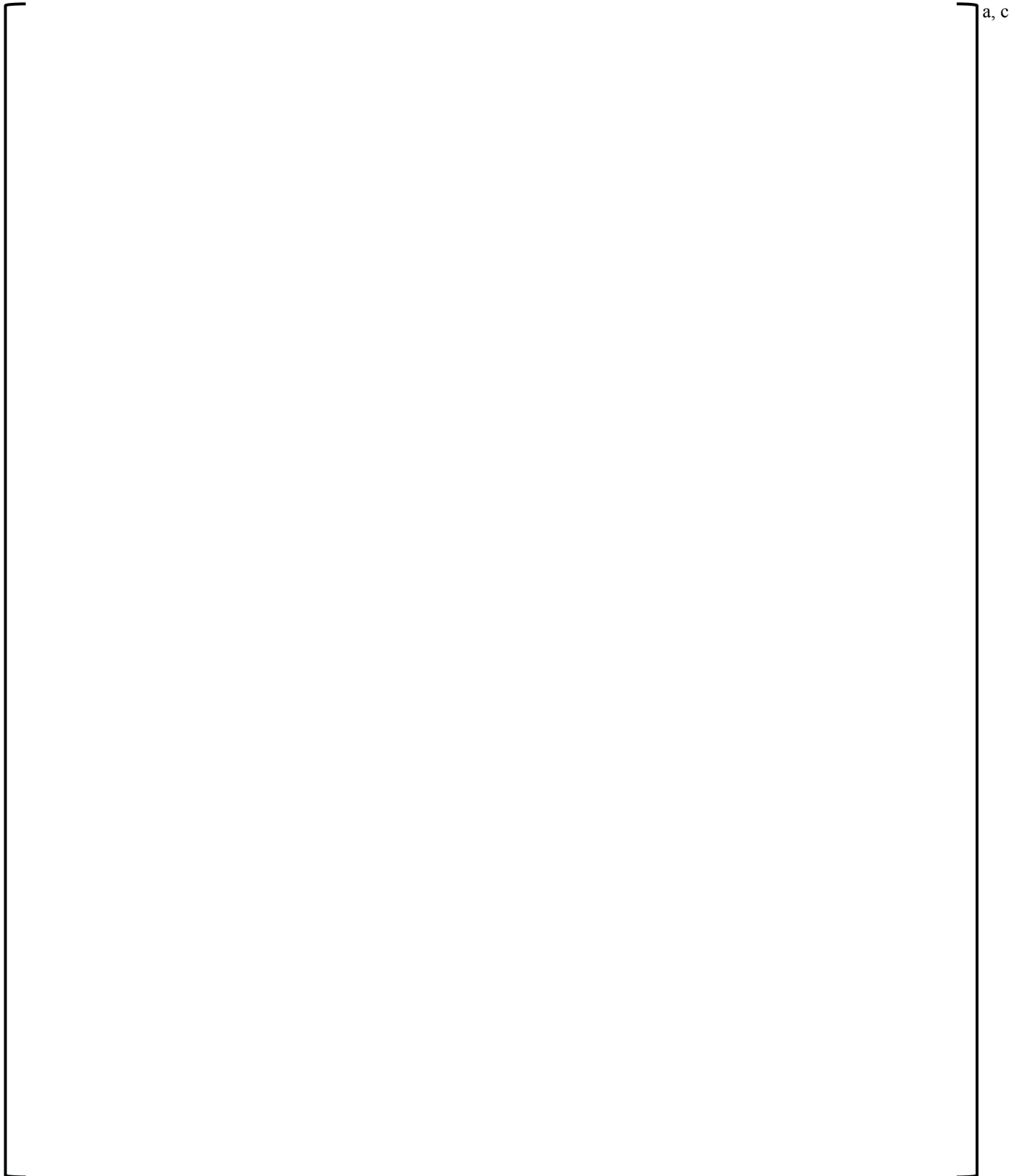
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	Unit 3	Page 40 of 59



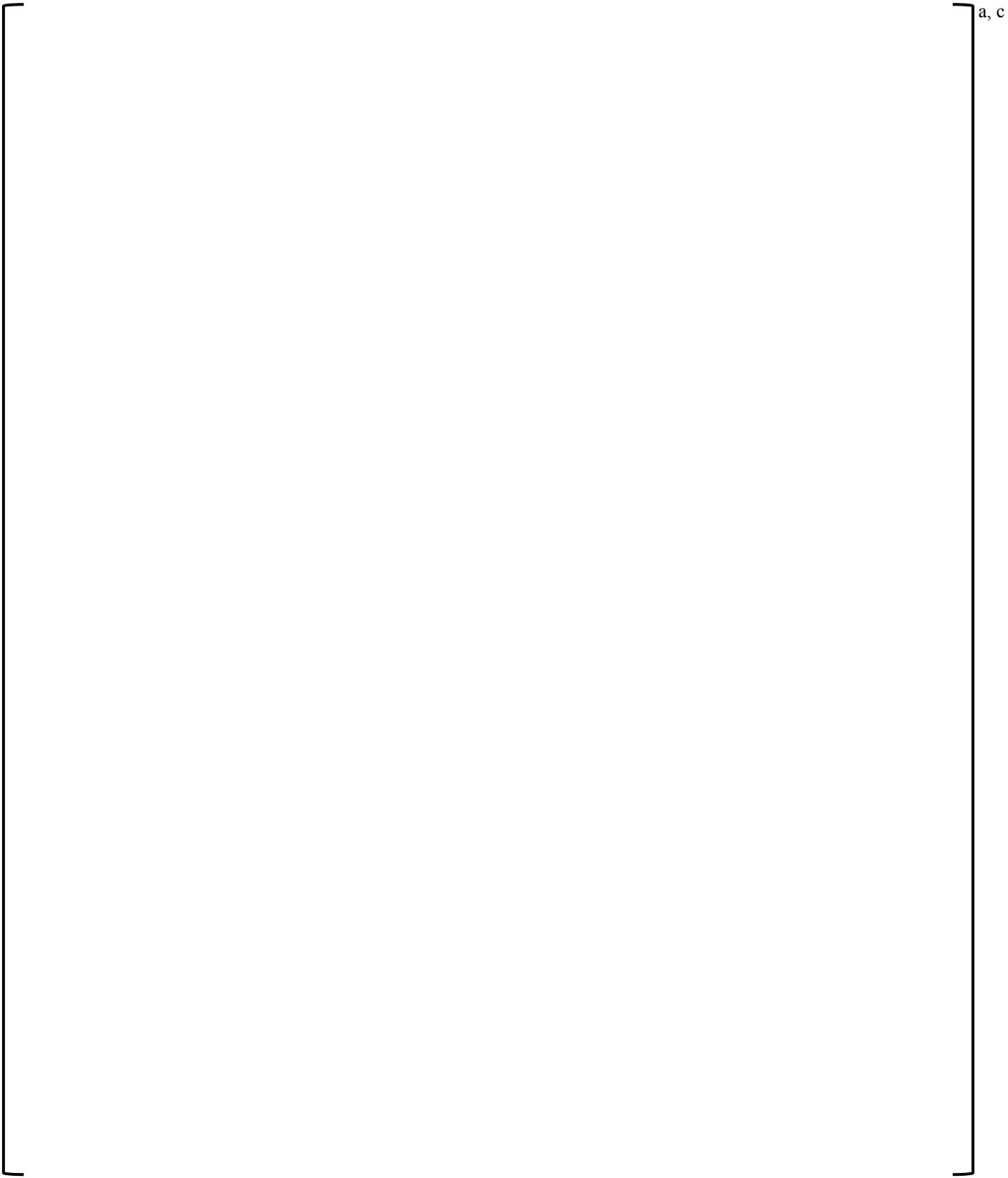
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	VOGTLE	Version E=0.4
	Unit 3	Page 41 of 59

[a, c]

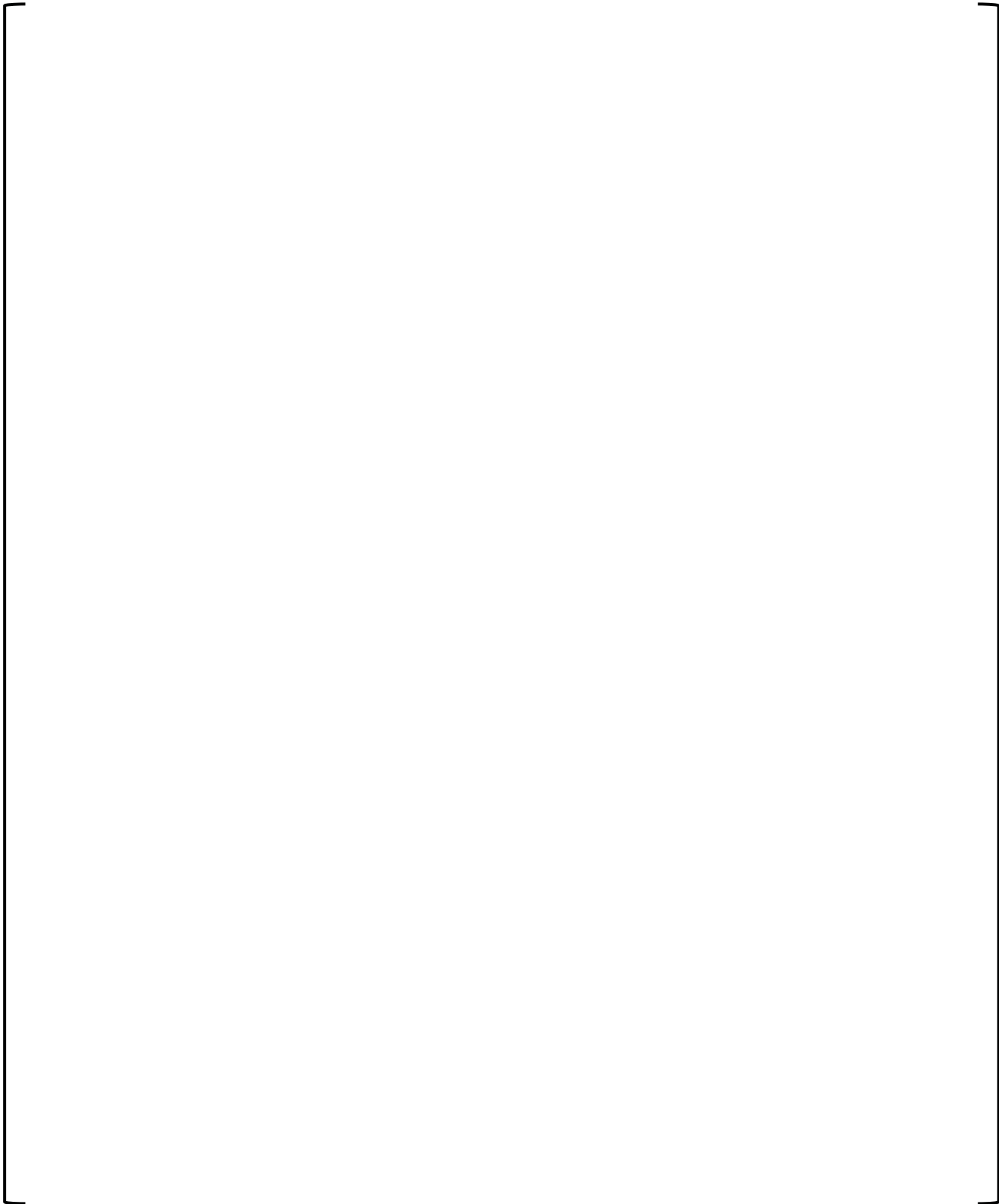
Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 42 of 59



Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 43 of 59

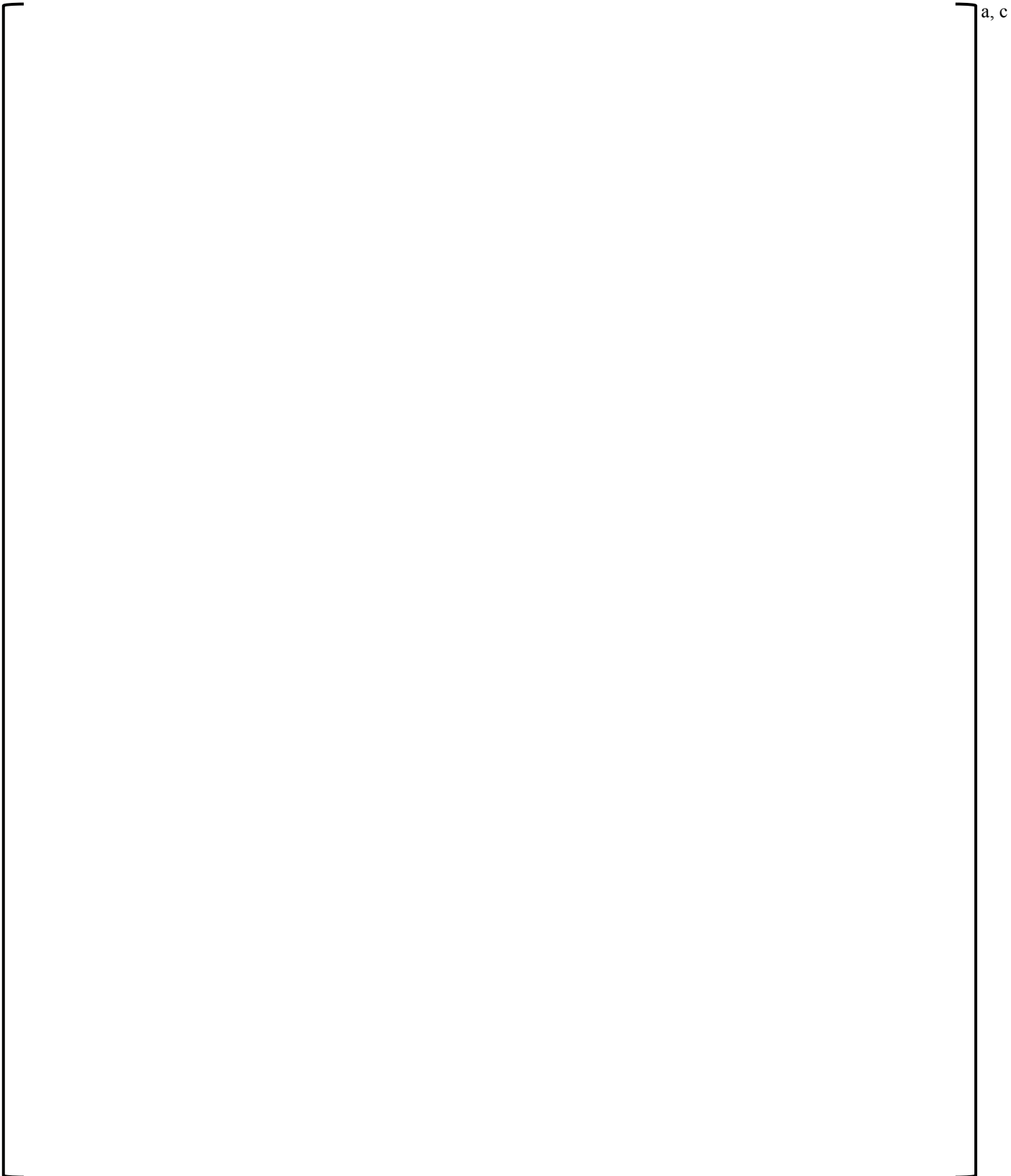


Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 44 of 59

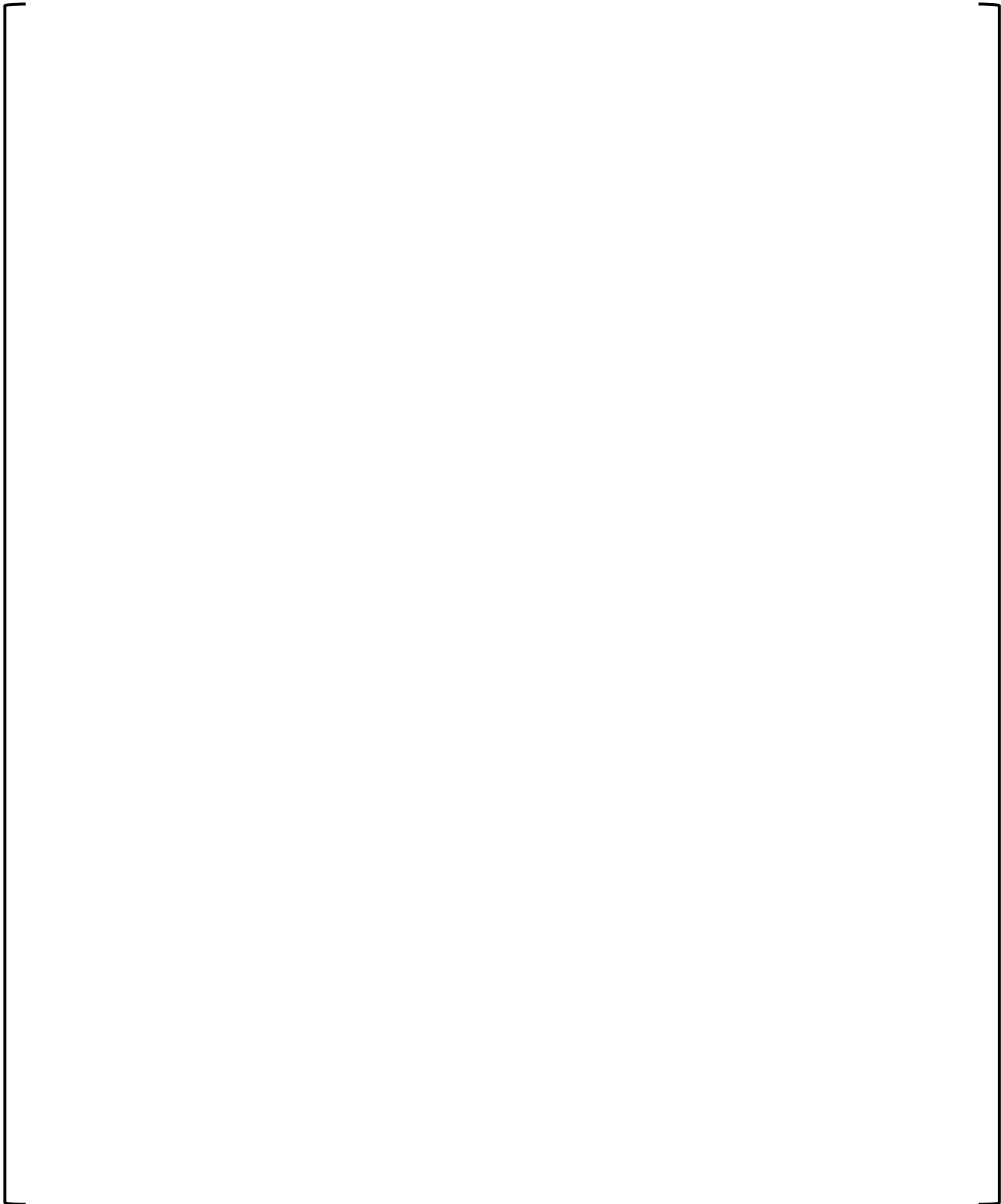


a, c

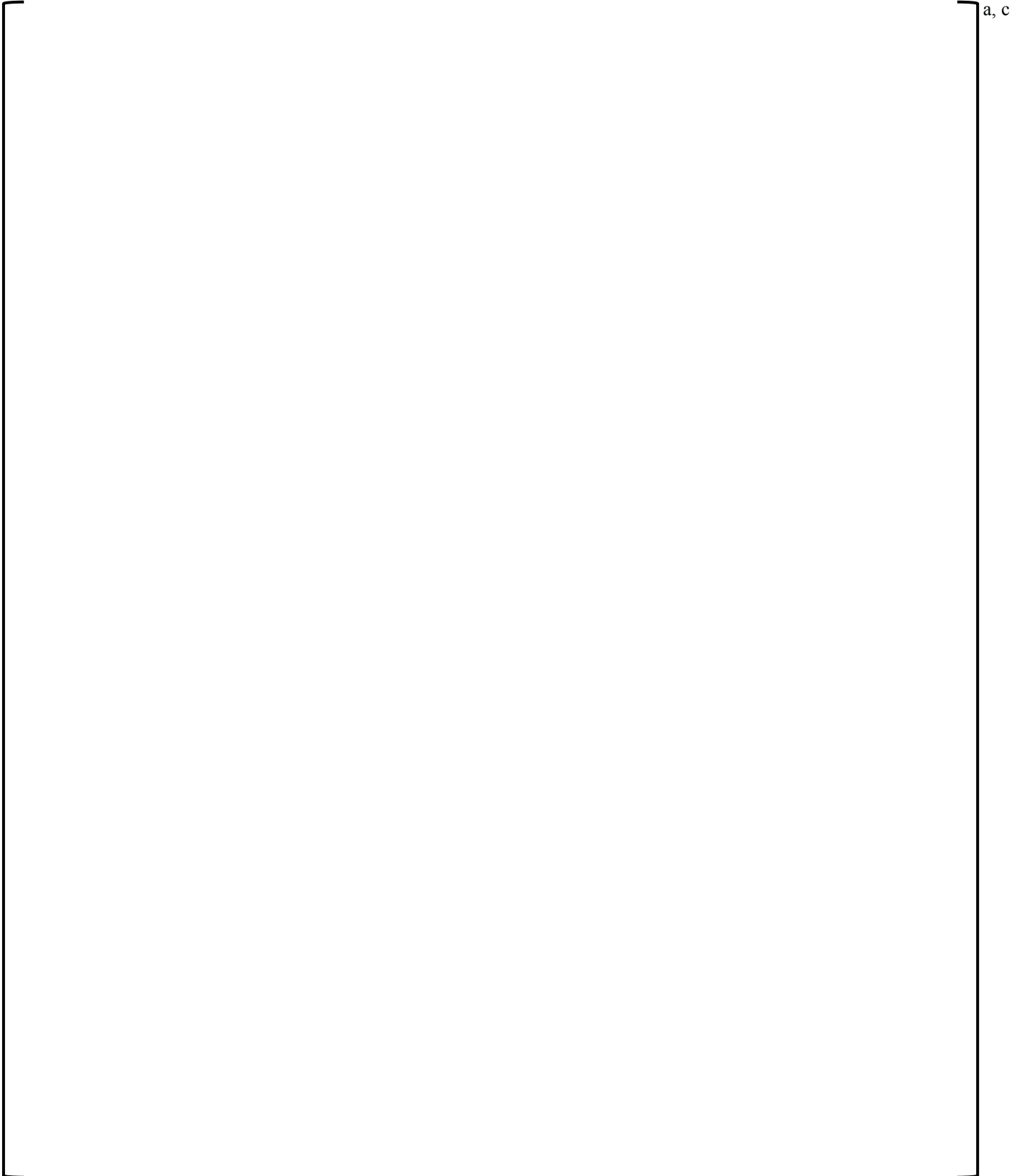
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	Unit 3	Page 45 of 59



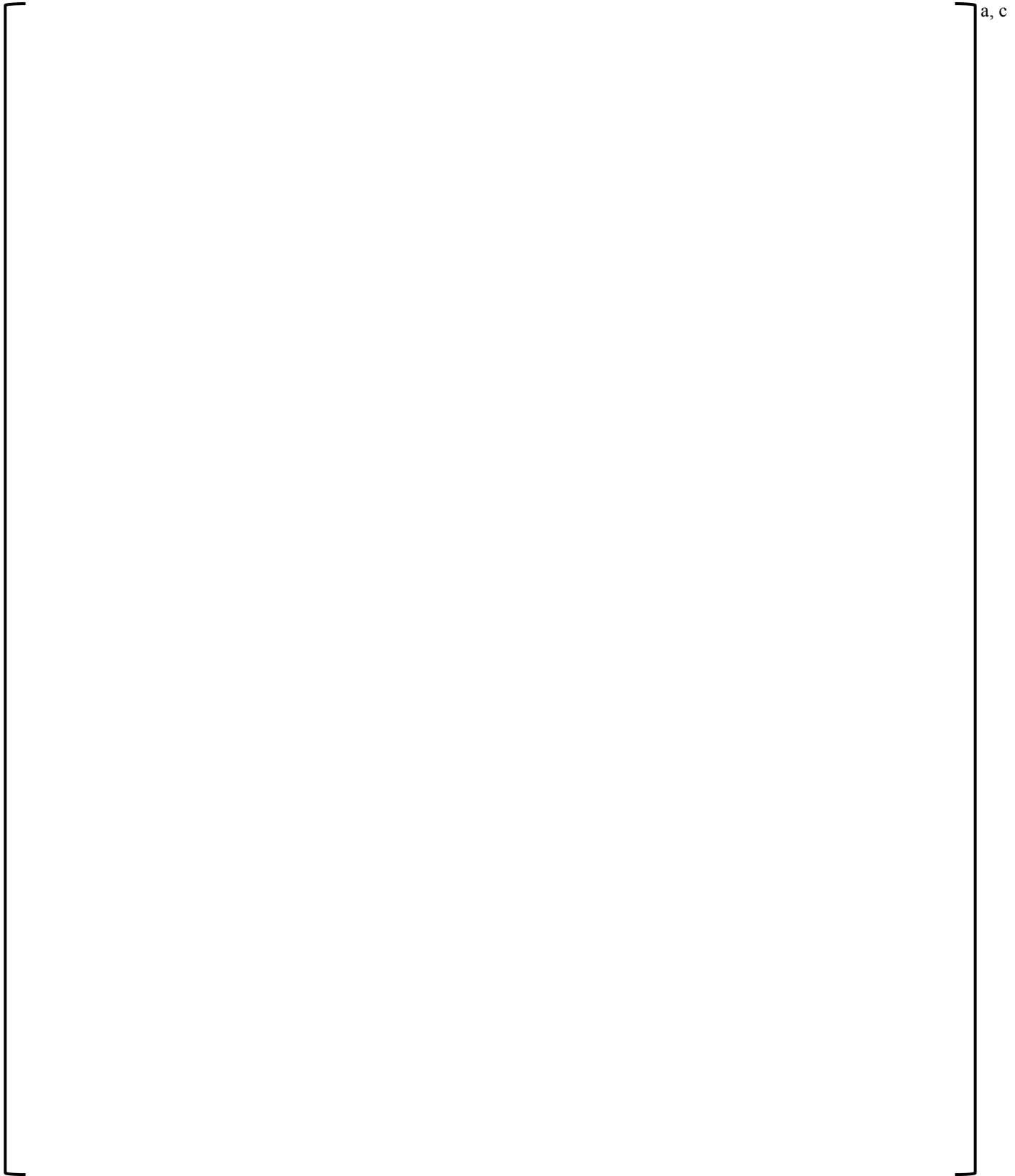
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	VOGTLE	Version E=0.4
	Unit 3	Page 46 of 59



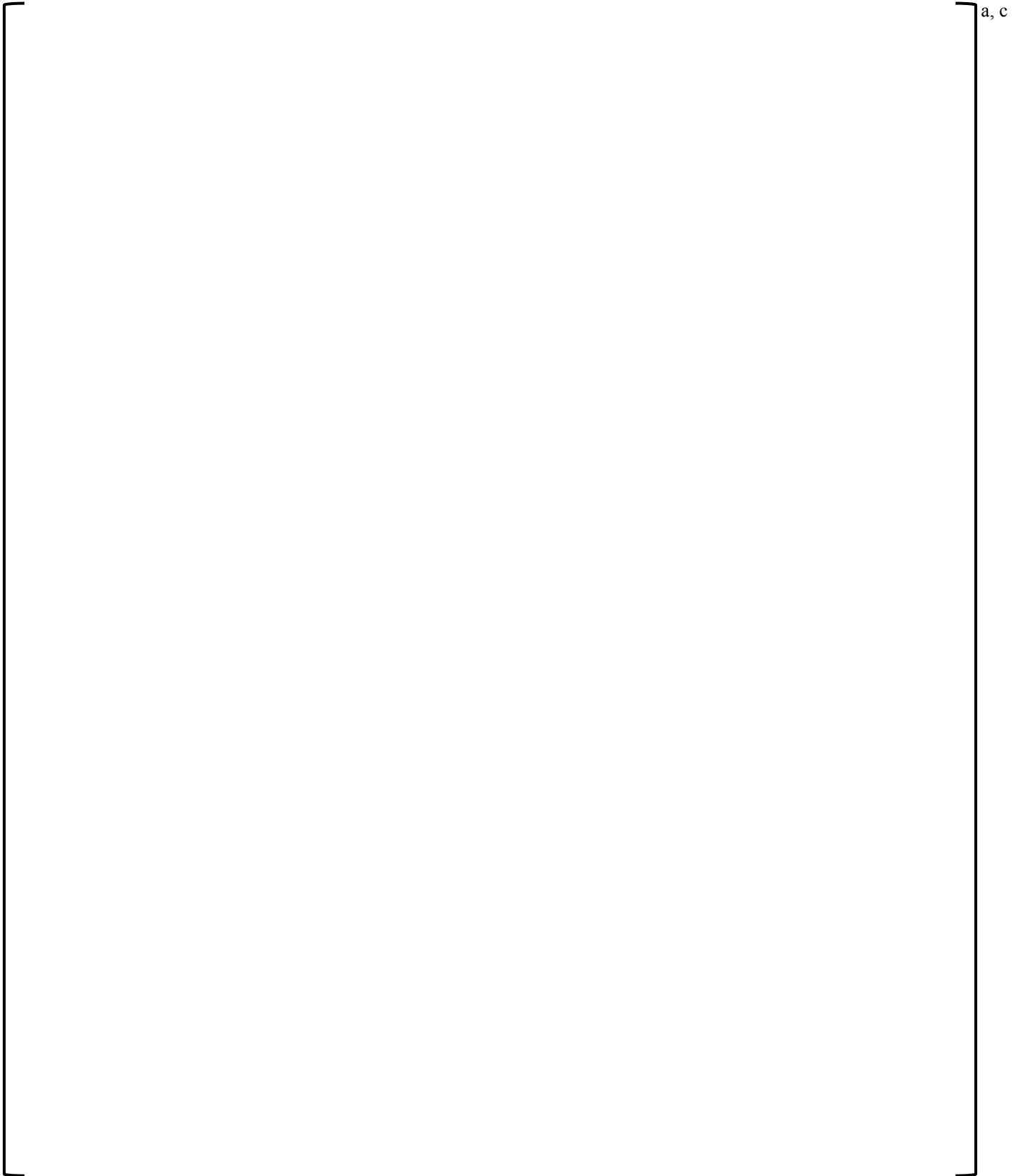
Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 47 of 59



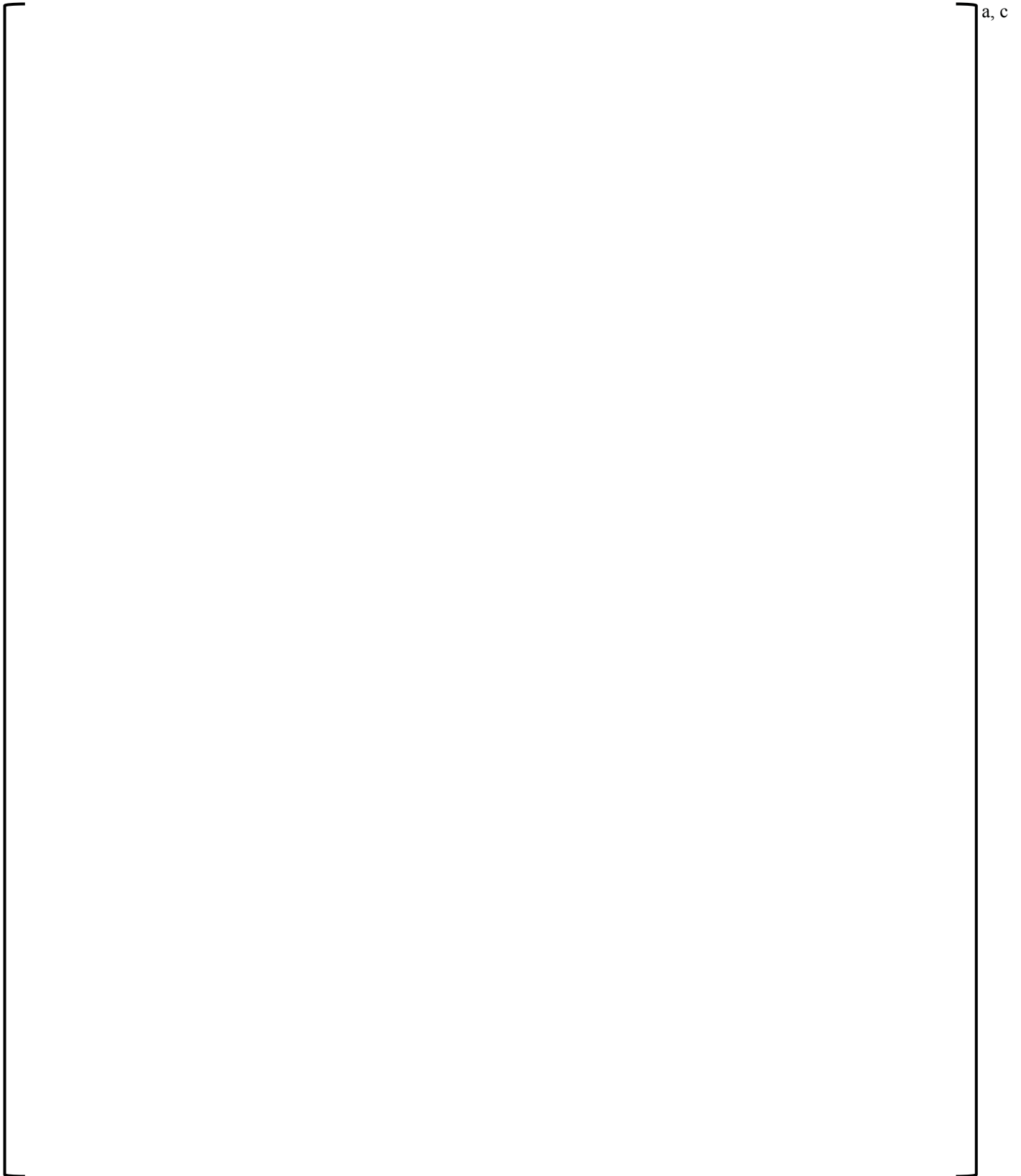
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	Unit 3	Page 48 of 59



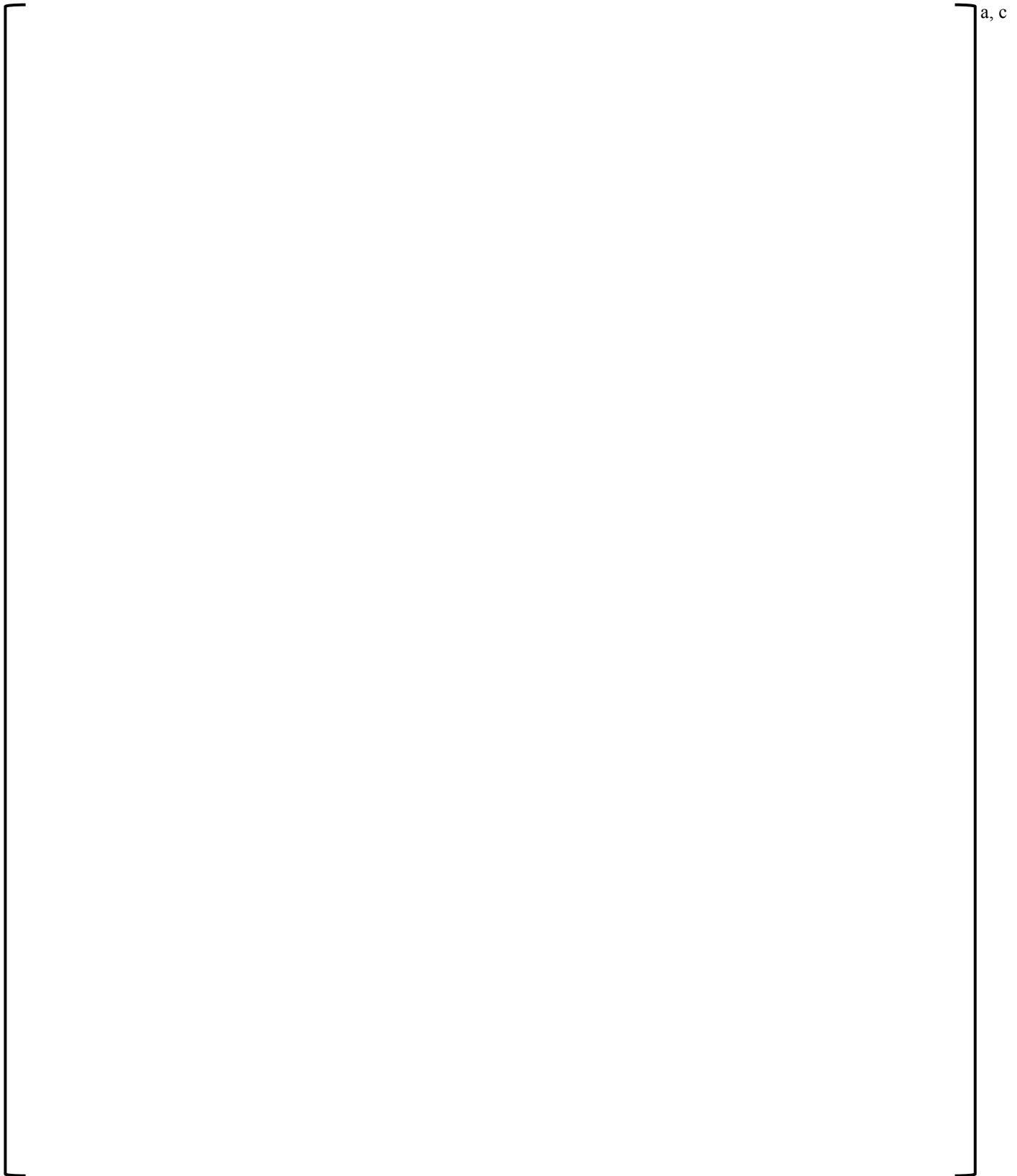
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	VOGTLE	Version E=0.4
	Unit 3	Page 49 of 59



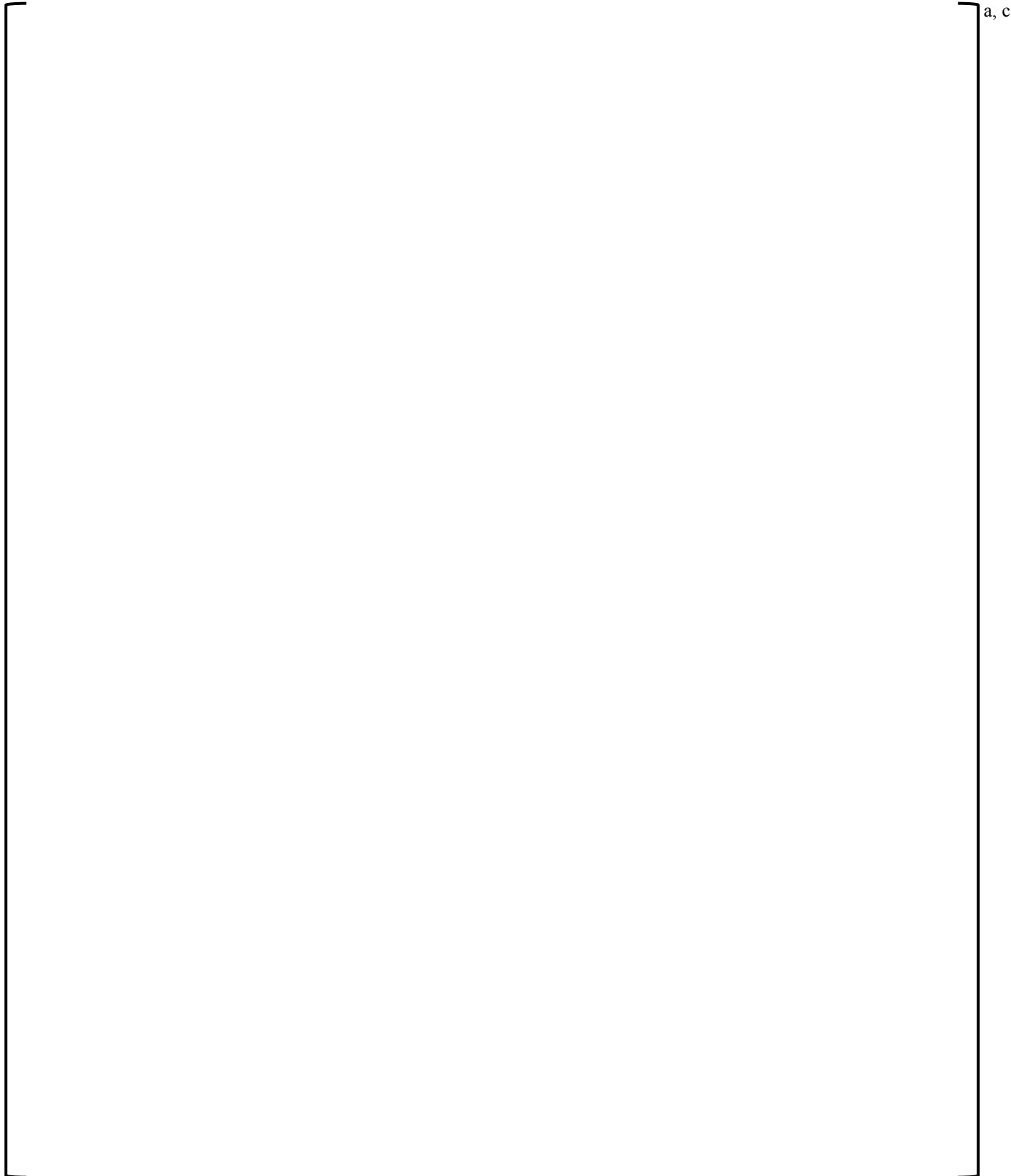
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	VOGTLE	Version E=0.4
	Unit 3	Page 50 of 59



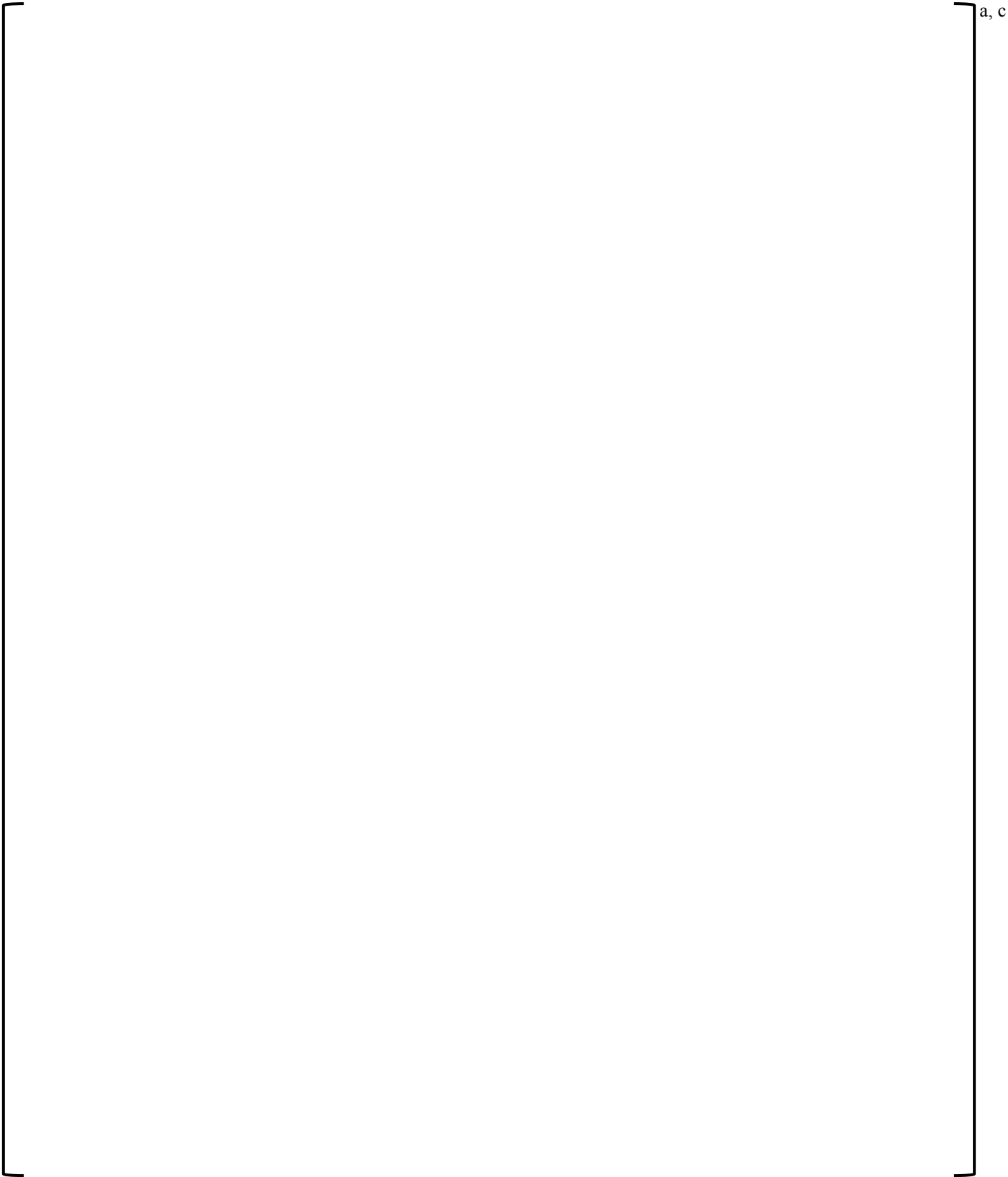
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	VOGTLE	Version E=0.4
	Unit 3	Page 51 of 59



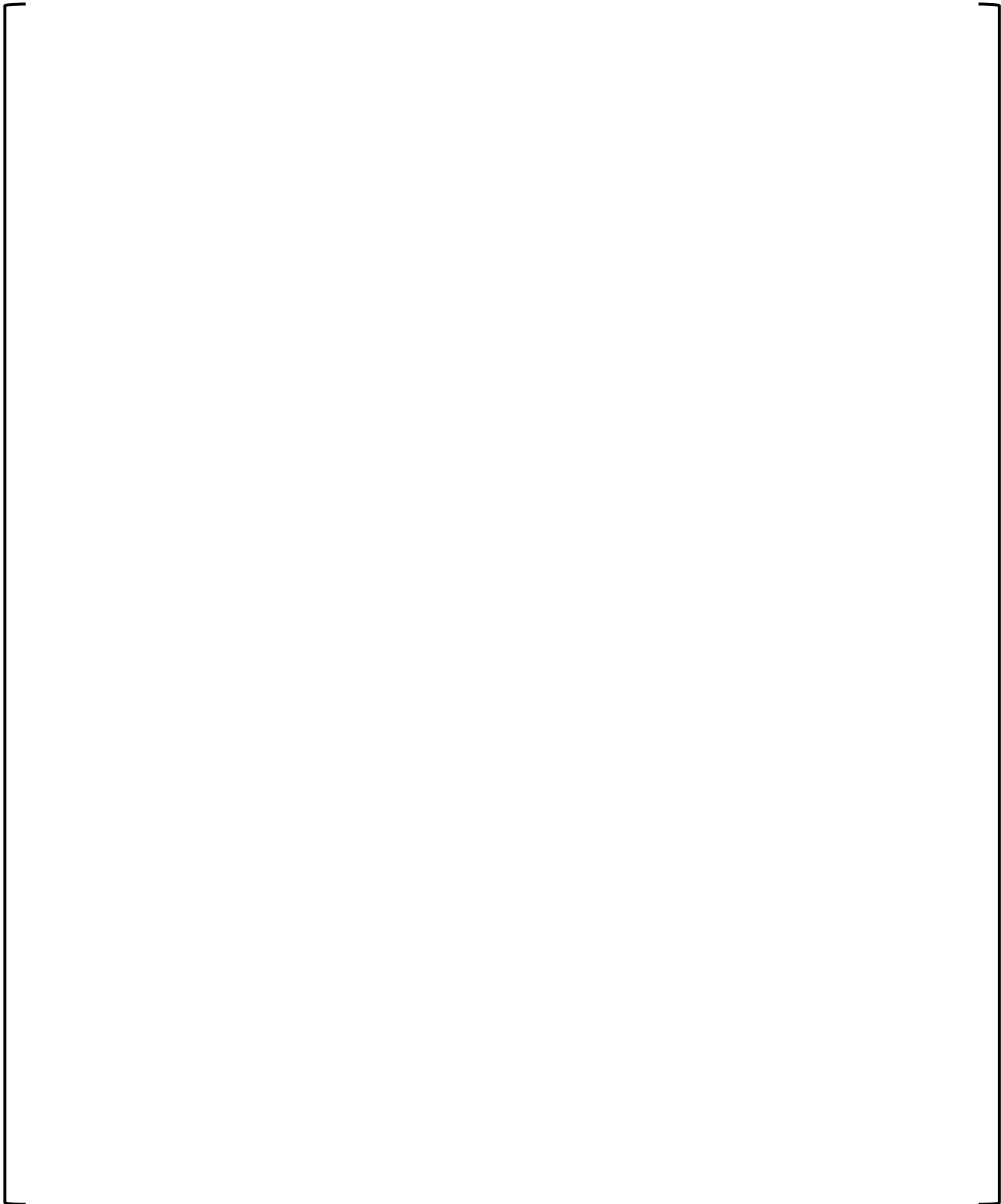
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	Unit 3	Page 52 of 59



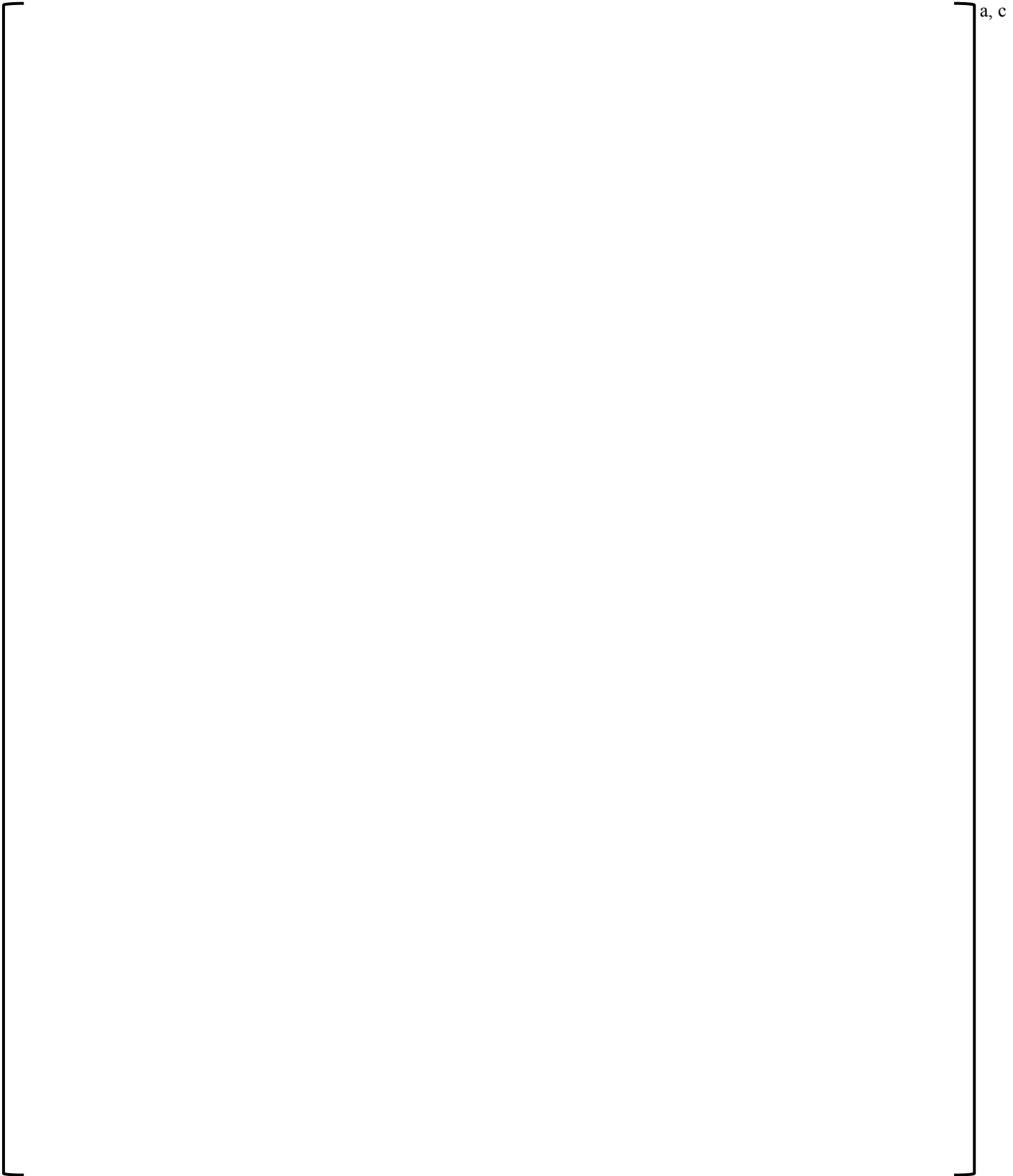
Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	Page 53 of 59



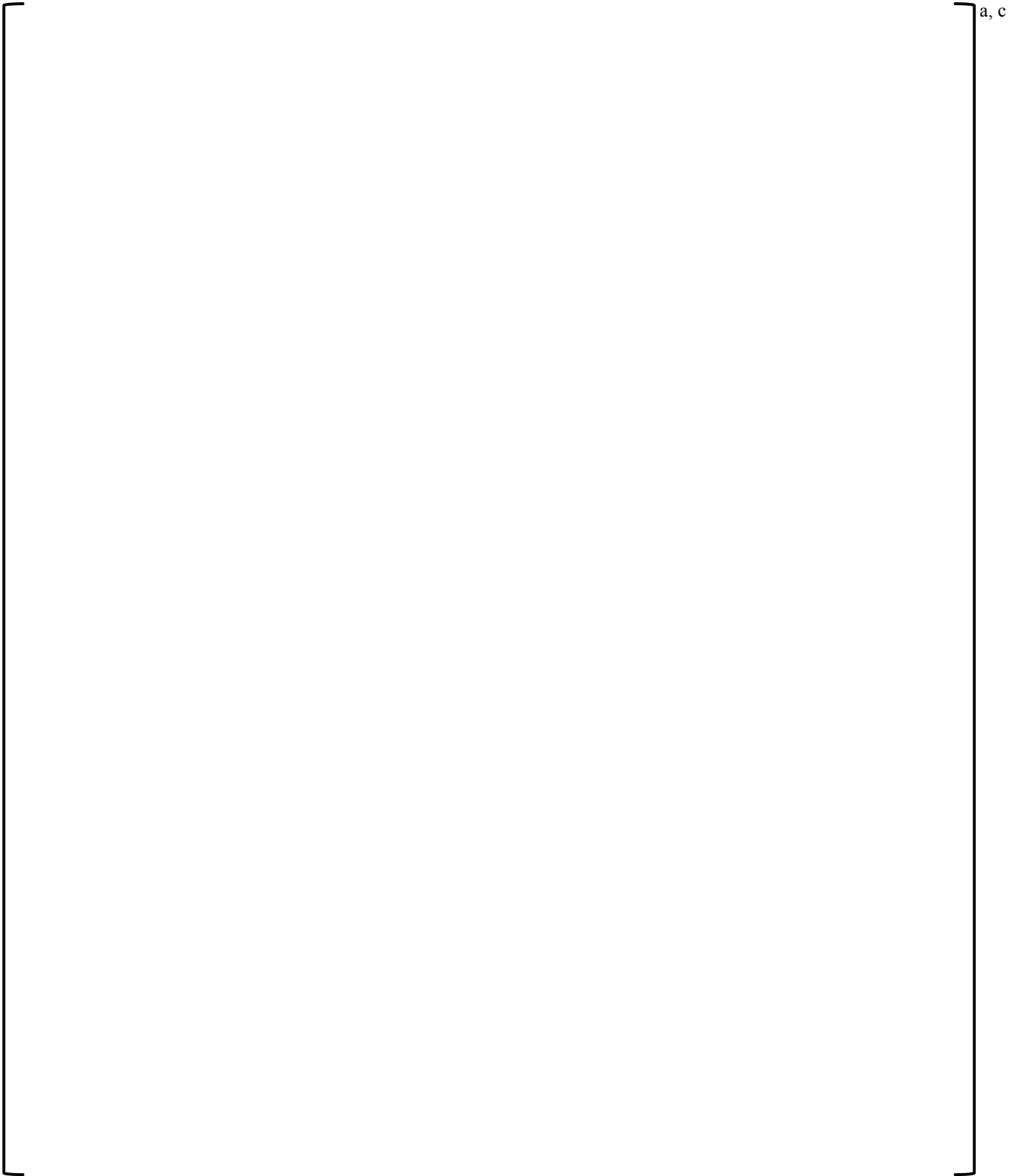
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	Unit 3	Page 54 of 59



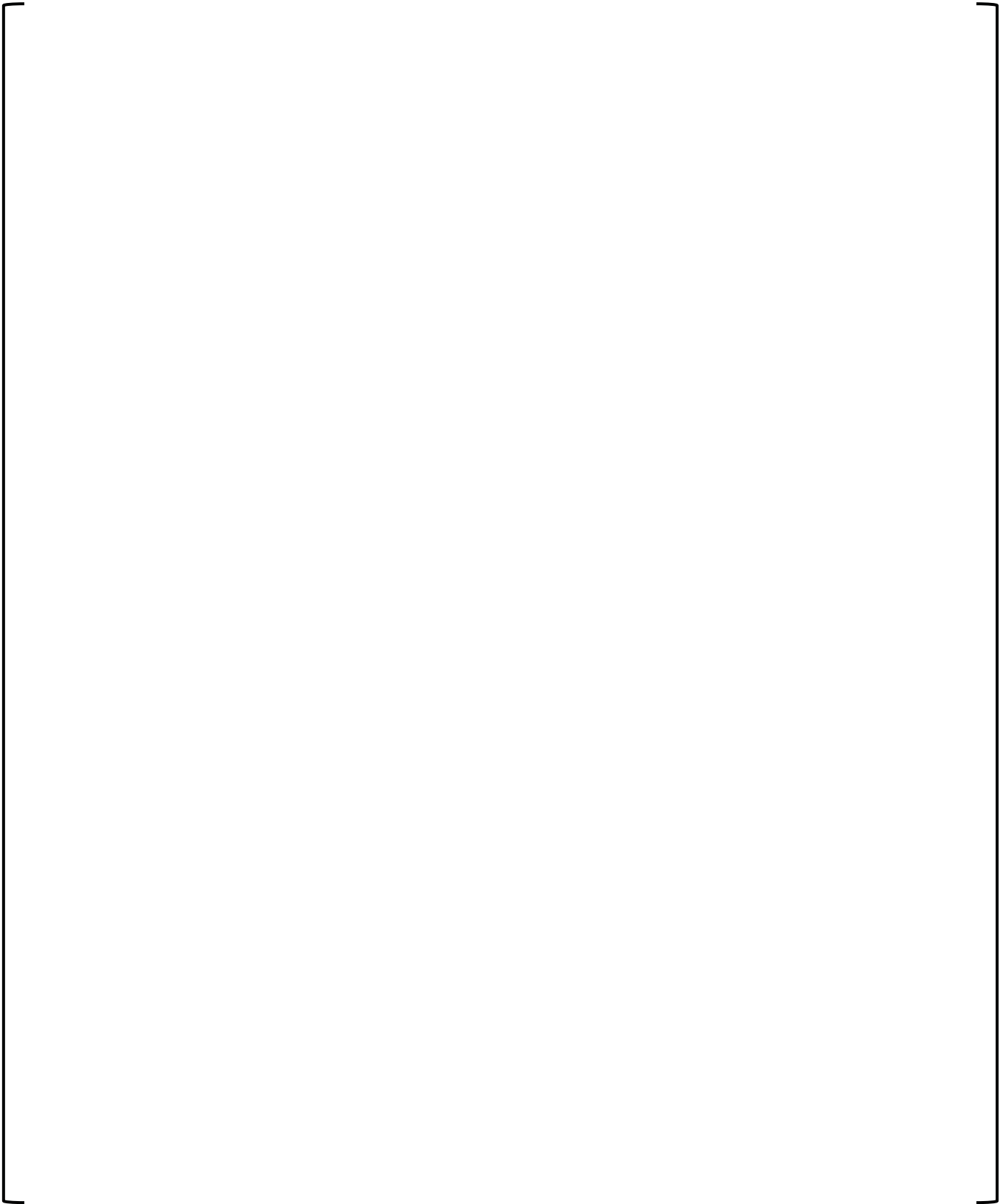
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	VOGTLE	Version E=0.4
	Unit 3	Page 55 of 59



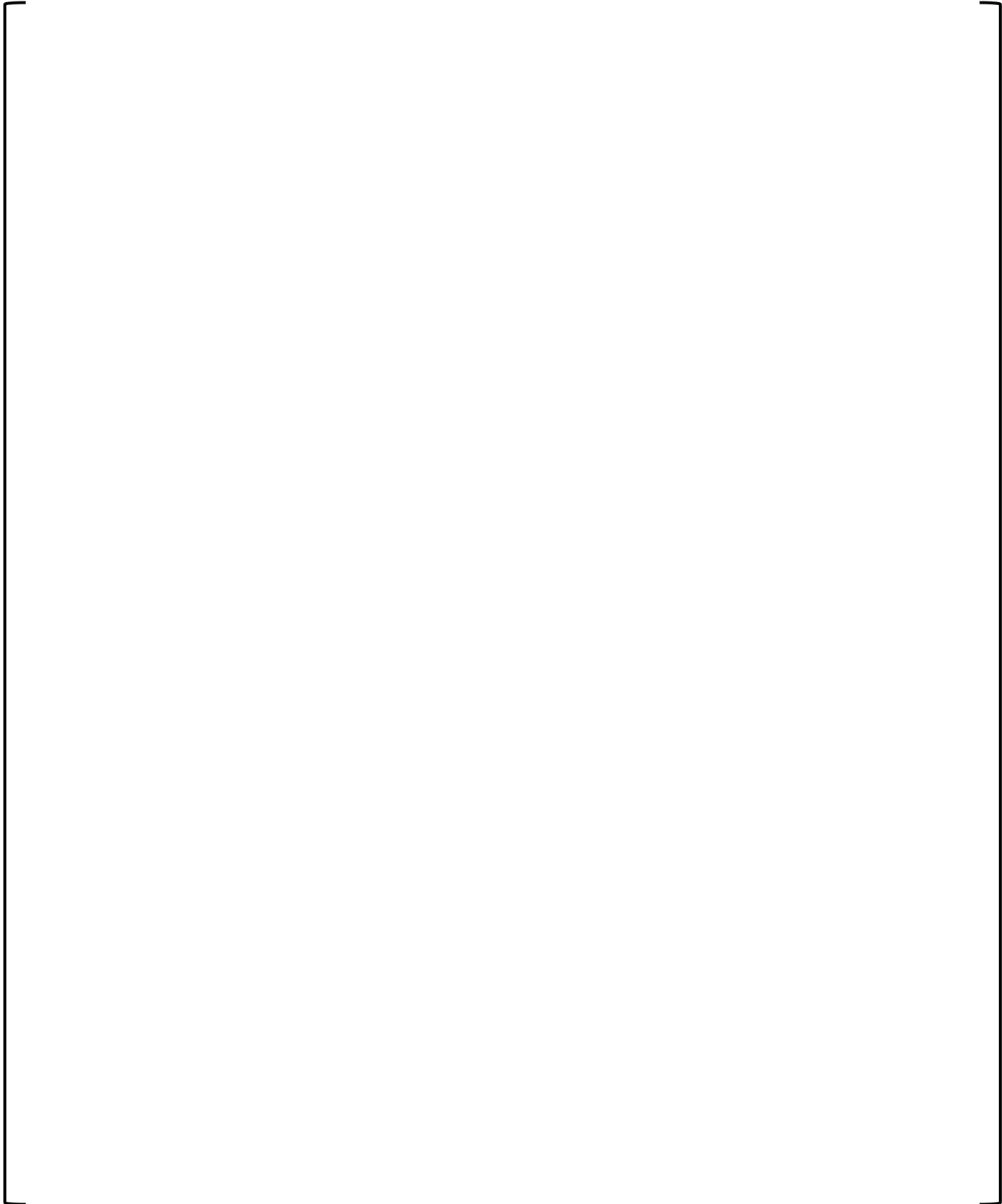
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	VOGTLE	Version E=0.4
	Unit 3	Page 56 of 59



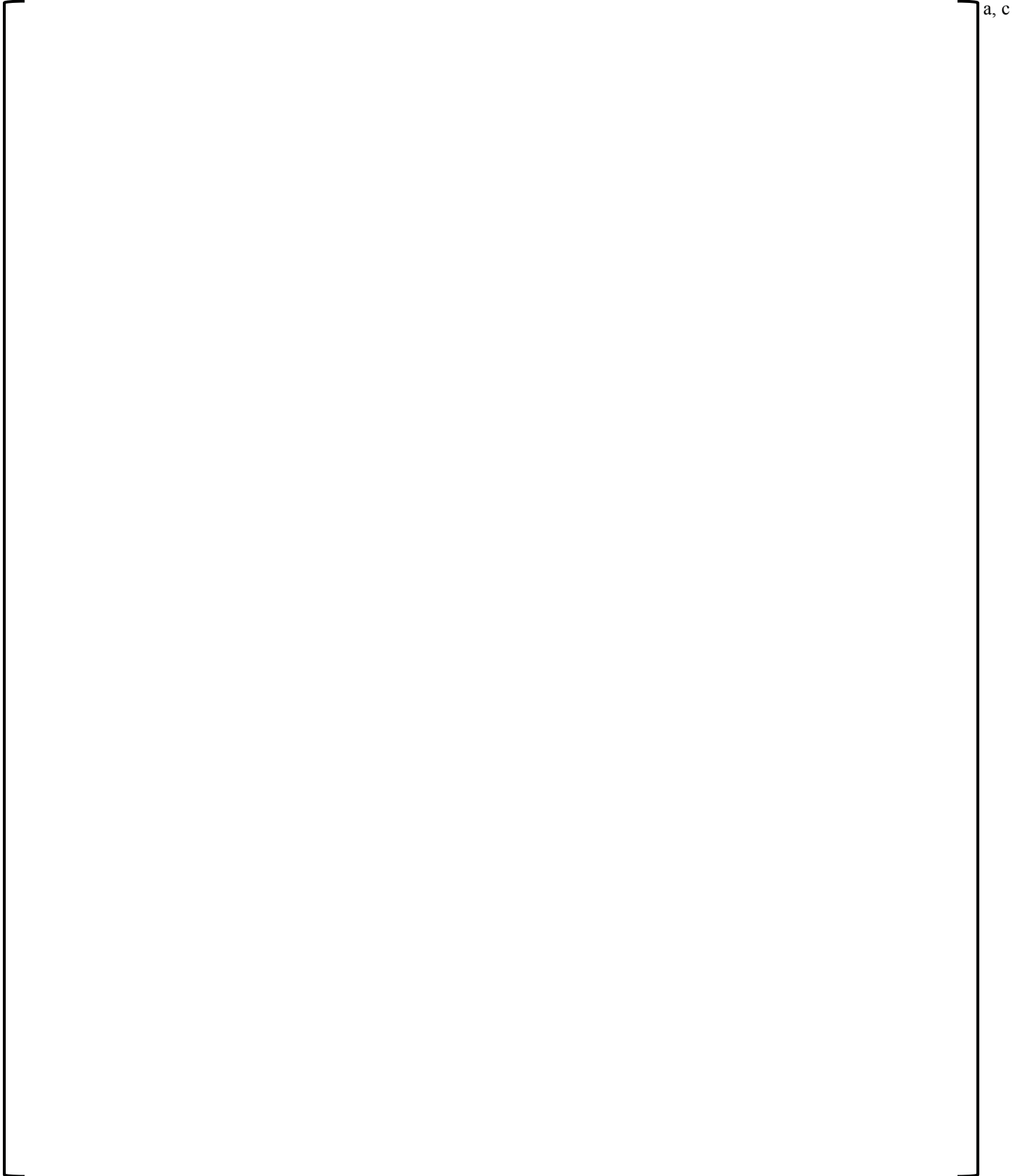
Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
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Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	FOLDOUT

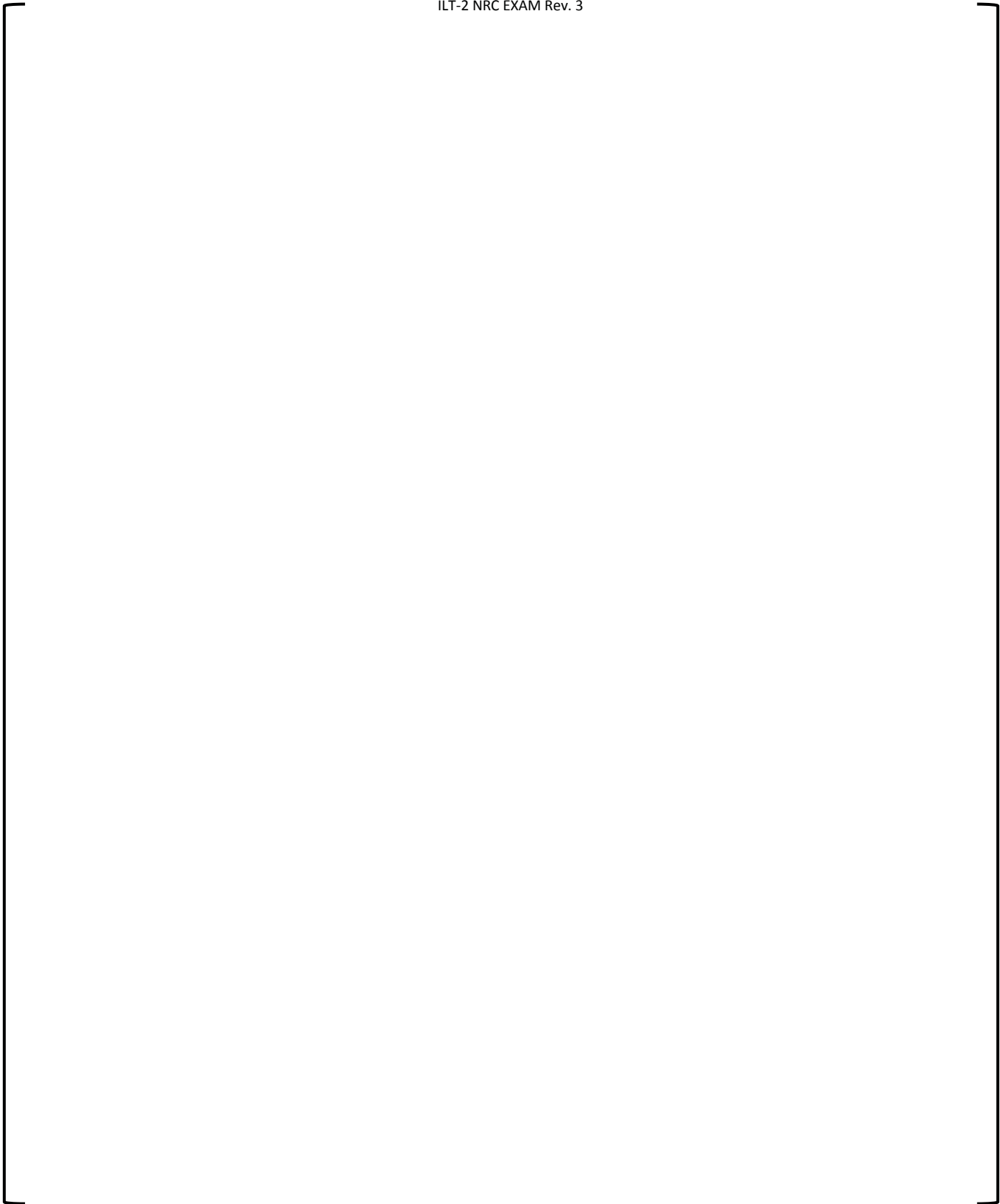


Reactor Trip or Safeguards Actuation	3-EOP-E-0	
	VOGTLE	Version E=0.4
	Unit 3	FOLDOUT



VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE **G**
ILT-2 NRC EXAM Rev. 3

a, c



SIMULATOR BOOTH INSTRUCTIONS

a, c

READ TO APPLICANT

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

a, c

START TIME: _____**Evaluator Note:**

- **The most likely screen is given for where the operator will perform the task or check the indication. Indications may be available on multiple screens. In those cases, it is acceptable to look at other screens to get the same information from the same instrument.**
- **When prompted by the candidate for a peer check, respond “peer check is NOT available”.**
- **When any report is given or a request is made, “acknowledge the report verbatim.” Provide no other answer as this may unknowingly cue the candidate.**

STEP/STANDARD	SAT/UNSAT
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	a, c

STEP/STANDARD	SAT/UNSAT
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	a, c
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VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE **G**
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE **G**
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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	a, c

STEP/STANDARD	SAT/UNSAT
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a, c

STEP/STANDARD	SAT/UNSAT
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	a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE **G**
ILT-2 NRC EXAM

STEP/STANDARD	SAT/UNSAT
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a, c

STEP/STANDARD	SAT/UNSAT
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[] a, c

STEP/STANDARD	SAT/UNSAT
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	a, c

STEP/STANDARD	SAT/UNSAT
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	a, c

STEP/STANDARD	SAT/UNSAT
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	a, c

STEP/STANDARD	SAT/UNSAT
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	a, c
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STEP/STANDARD	SAT/UNSAT
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	a, c

STEP/STANDARD	SAT/UNSAT
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	a, c
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STEP/STANDARD	SAT/UNSAT
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	a, c

APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

DIRECTION TO APPLICANT:

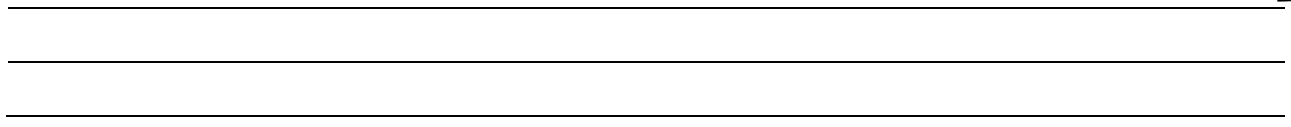
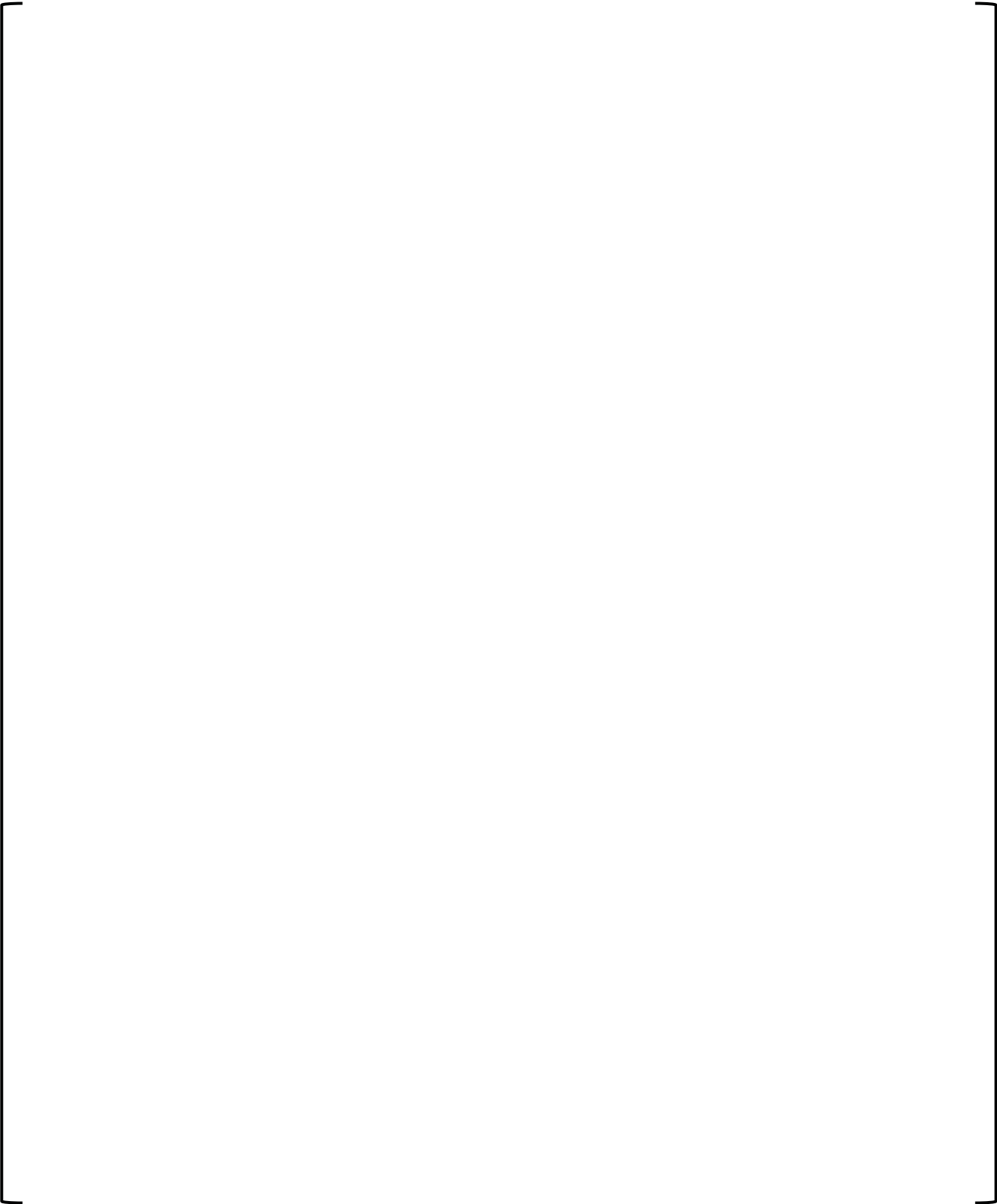
I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

[] a, c

VOGTLE UNITS 3&4
JOB PERFORMANCE MEASURE H
ILT-2 NRC EXAM Rev. 2

a, c



SIMULATOR BOOTH INSTRUCTIONS

a, c

READ TO APPLICANT

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

[a, c]

START TIME: _____**Evaluator Note:**

- **The most likely screen is given for where the operator will perform the task or check the indication. Indications may be available on multiple screens. In those cases, it is acceptable to look at other screens to get the same information from the same instrument.**
- **When prompted by the candidate for a peer check, respond “peer check is NOT available”.**
- **When any report is given or a request is made, “acknowledge the report verbatim.” Provide no other answer as this may unknowingly cue the candidate.**

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

--

a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
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APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

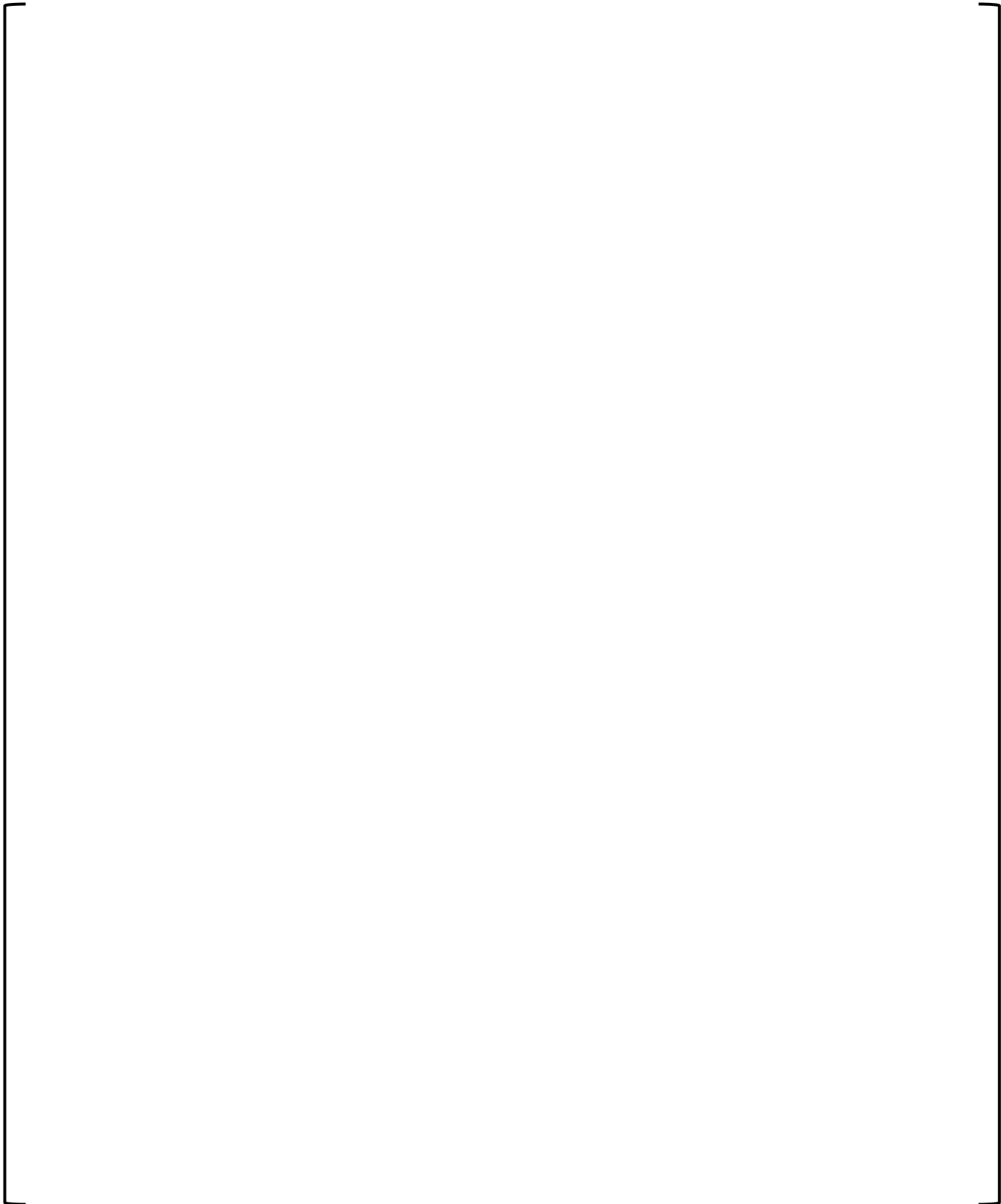
DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

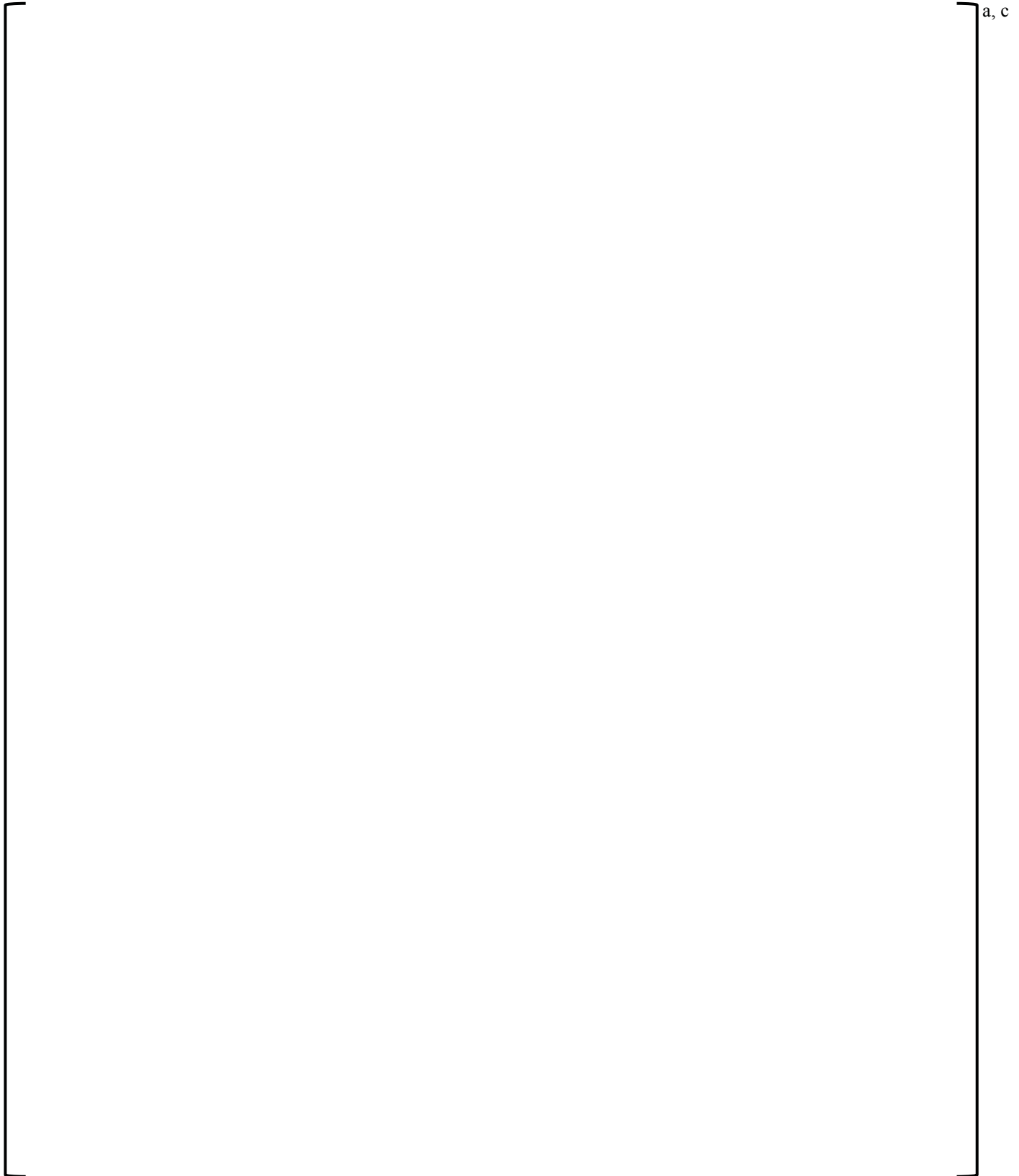
[a, c]

Liquid Radwaste System	3-WLS-SOP-001	
	VOGTLE	Version G=0.6
	Unit 3	Page 13 of 164



a, c

Liquid Radwaste System	3-WLS-SOP-001	
	VOGTLE	Version G=0.6
	Unit 3	Page 14 of 164



Liquid Radwaste System

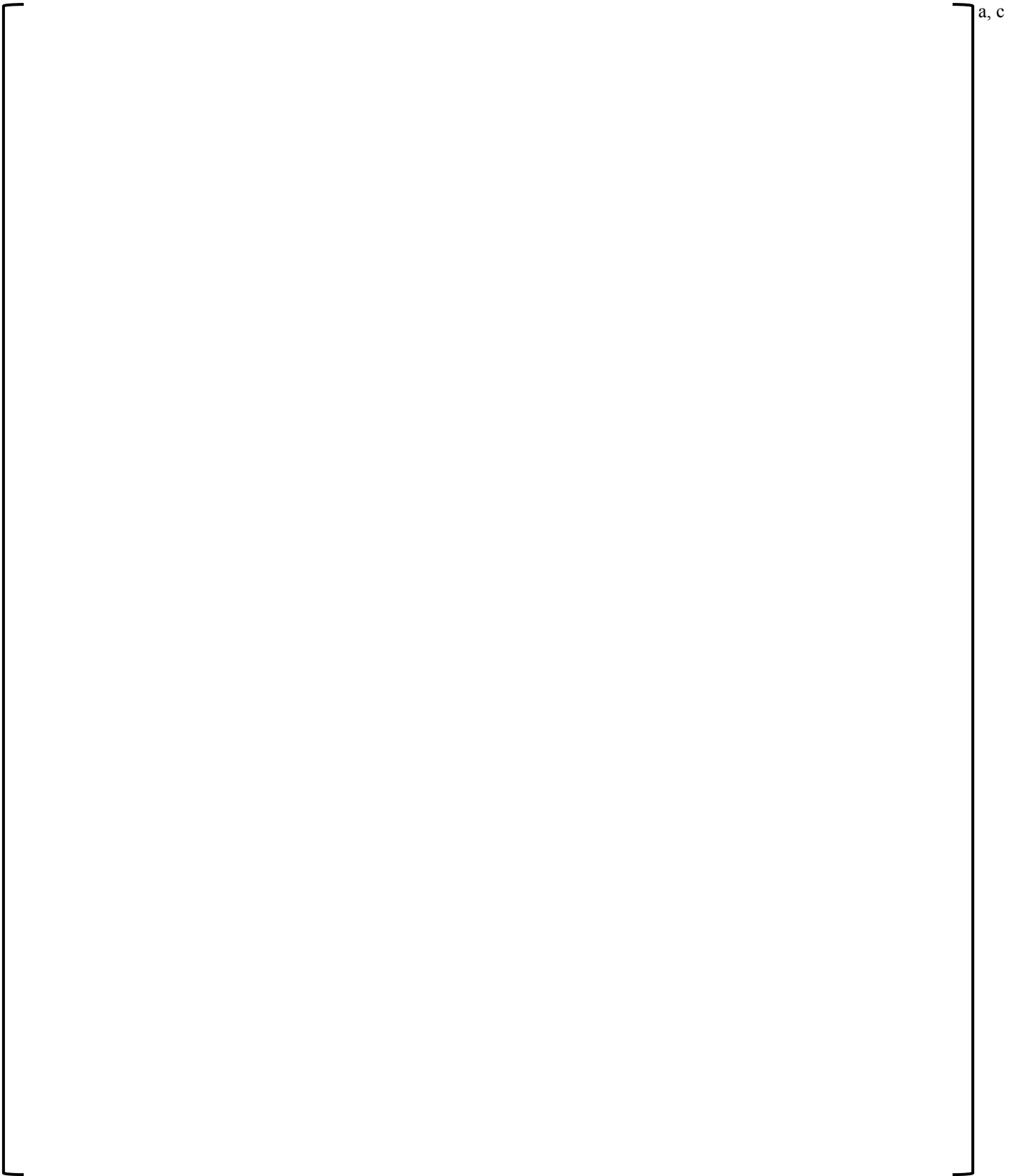
3-WLS-SOP-001

VOGTLE
Unit 3

Version G=0.6
Page 15 of 164

a, c

Liquid Radwaste System	3-WLS-SOP-001	
	VOGTLE	Version G=0.6
	Unit 3	Page 16 of 164



Liquid Radwaste System

3-WLS-SOP-001

VOGTLE
Unit 3

Version G=0.6
Page 17 of 164

a, c

Liquid Radwaste System

3-WLS-SOP-001

VOGTLE

Version G=0.6

Unit 3

Page 18 of 164

a, c

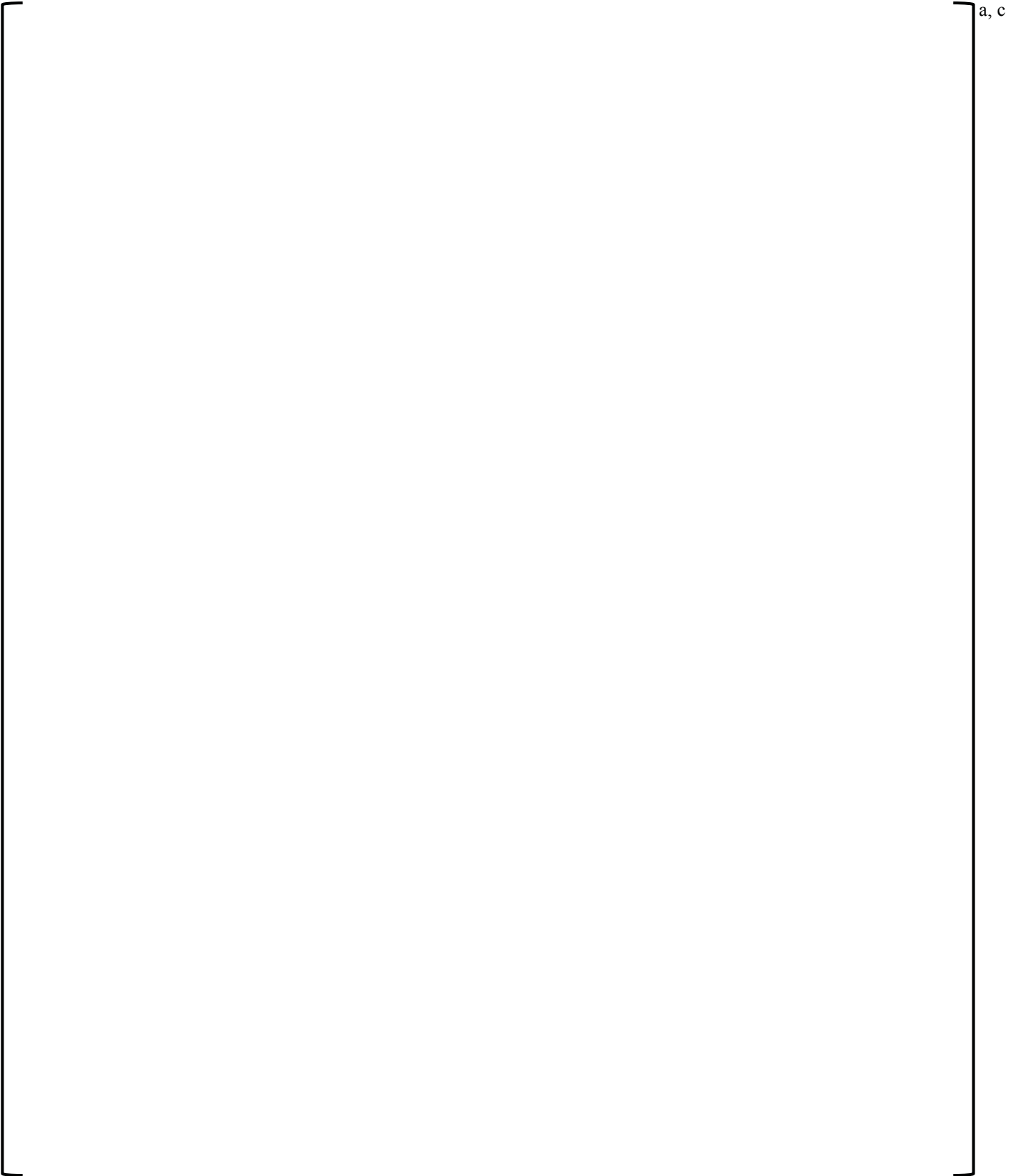
Liquid Radwaste System	3-WLS-SOP-001	
	VOGTLE	Version G=0.6
	Unit 3	Page 19 of 164

a, c

ENCLOSURE 6 to CAW-17-4551

V3&4 NRC ILT-2 In-Plant JPMs

(Non-Proprietary)



a, c

SIMULATOR BOOTH INSTRUCTIONS

a, c

READ TO APPLICANT

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

[a, c]

START TIME: _____

Evaluator Note(s):

- **The most likely screen is given for where the operator will perform the task or check the indication. Indications may be available on multiple screens. In those cases, it is acceptable to look at other screens to get the same information from the same instrument. The screenshots that are referenced in the steps below have been added after the last step of the JPM.**
- **When prompted by the candidate for a peer check, respond “peer check is NOT available”.**
- **When any report is given or a request is made, “acknowledge the report verbatim.” Provide no other answer as this may unknowingly cue the candidate.**

STEP/STANDARD	SAT/UNSAT
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	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

--

a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

--

a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

--	--

a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
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STEP/STANDARD	SAT/UNSAT
---------------	-----------

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a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

--

a, c

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

a, c

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STEP/STANDARD	SAT/UNSAT
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[Empty table area for recording performance data]

a, c

STOP TIME: _____

APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

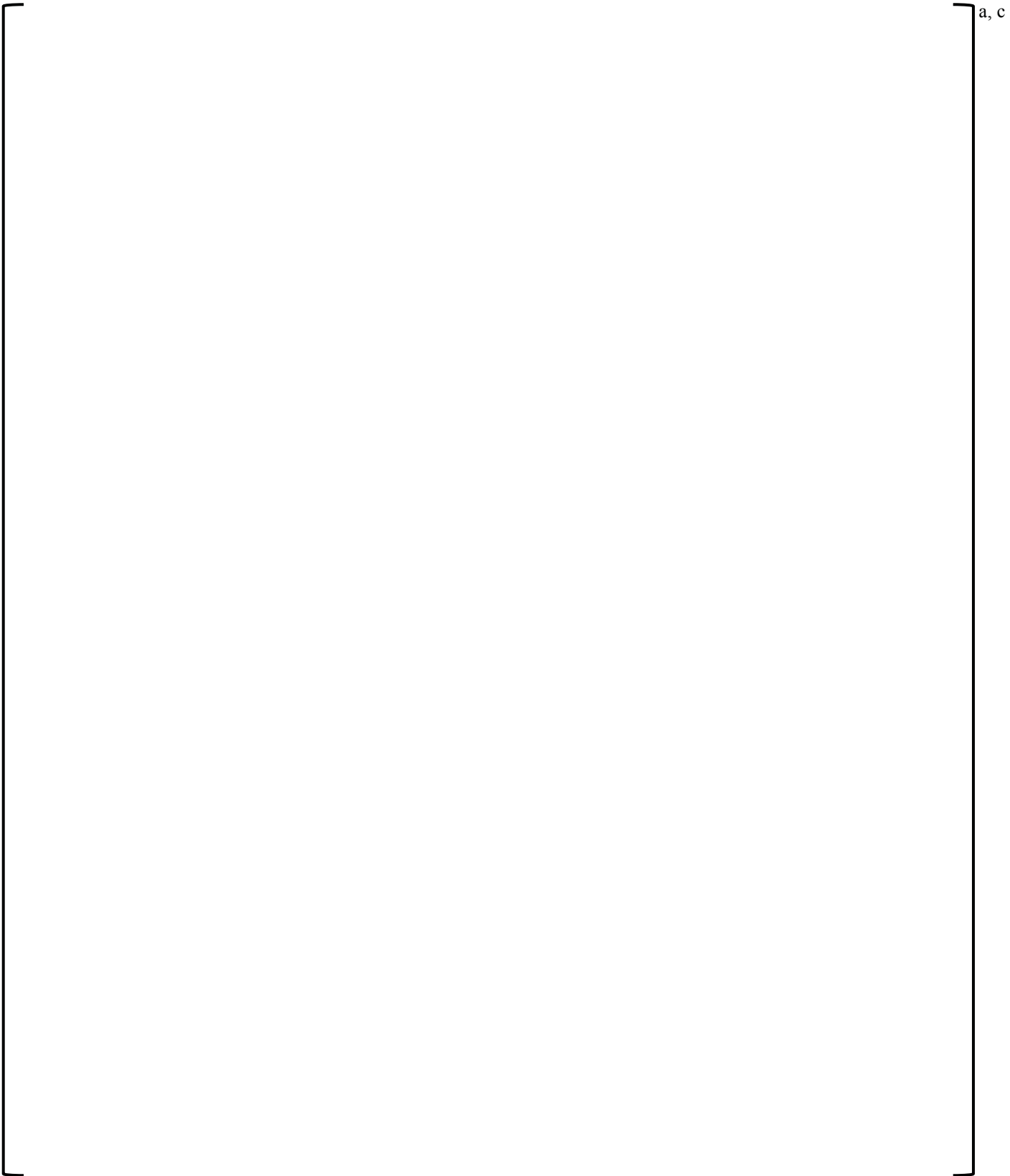
a, c



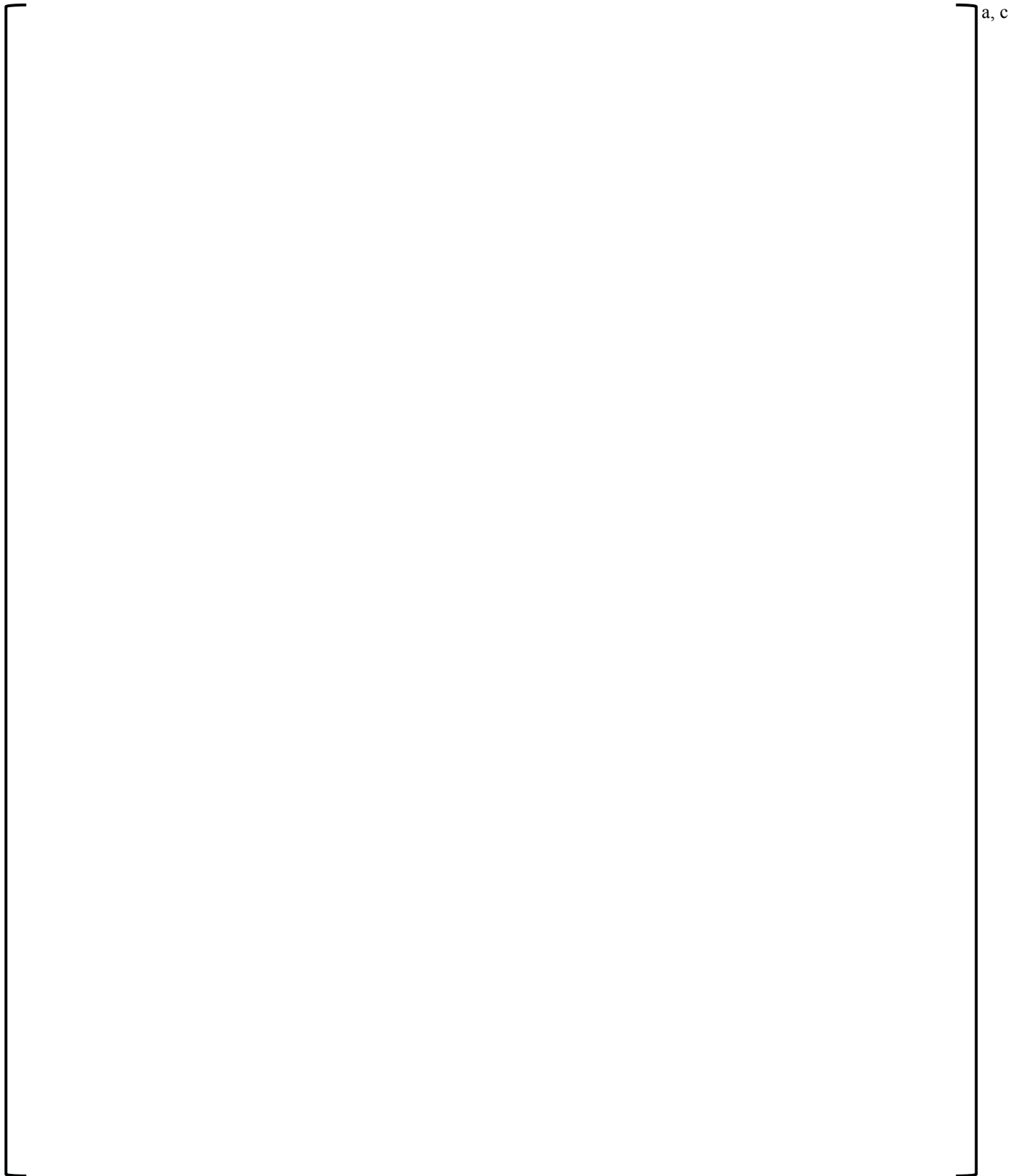
VOGTLE
Unit 3

a, c

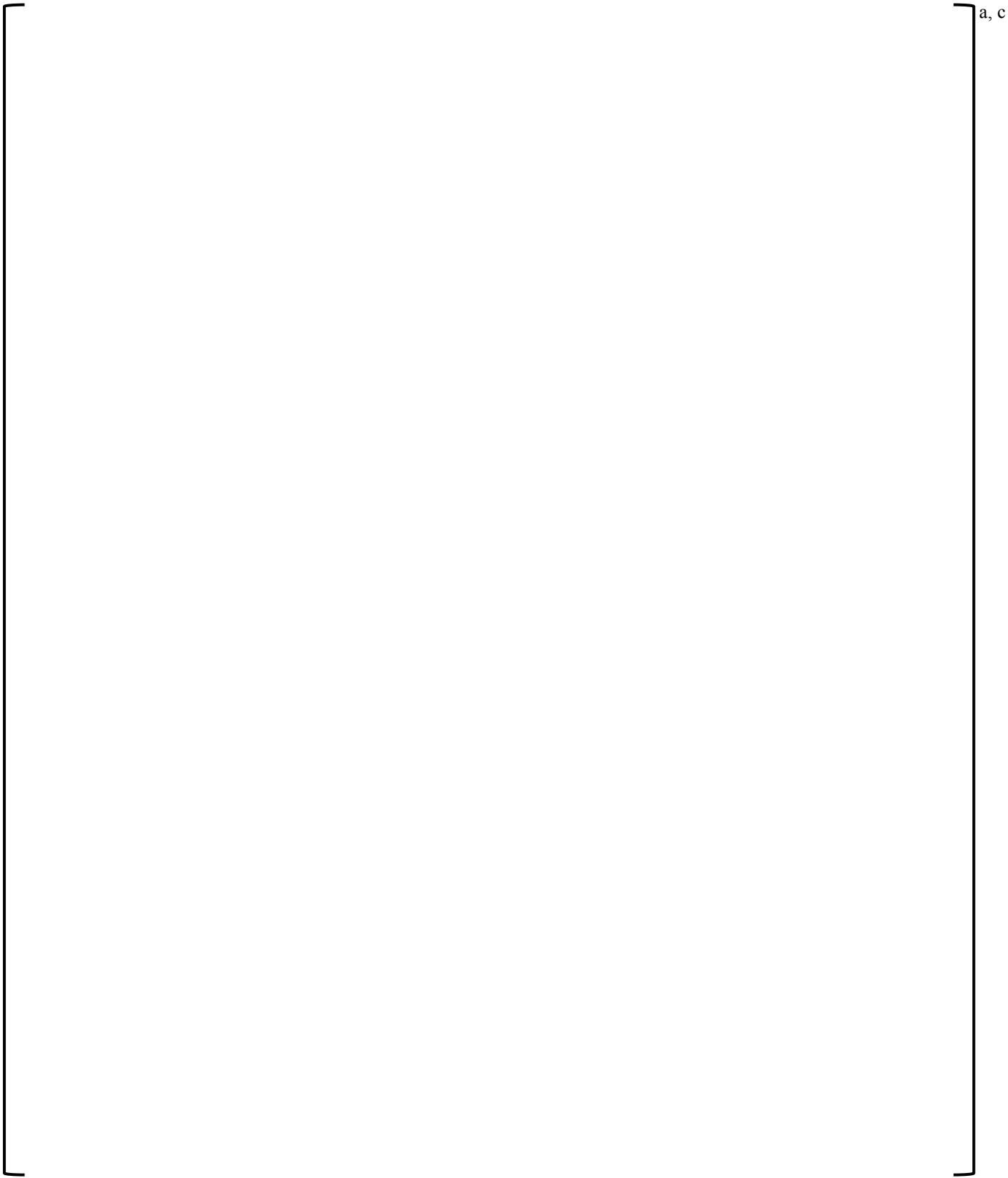
Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 2 of 26



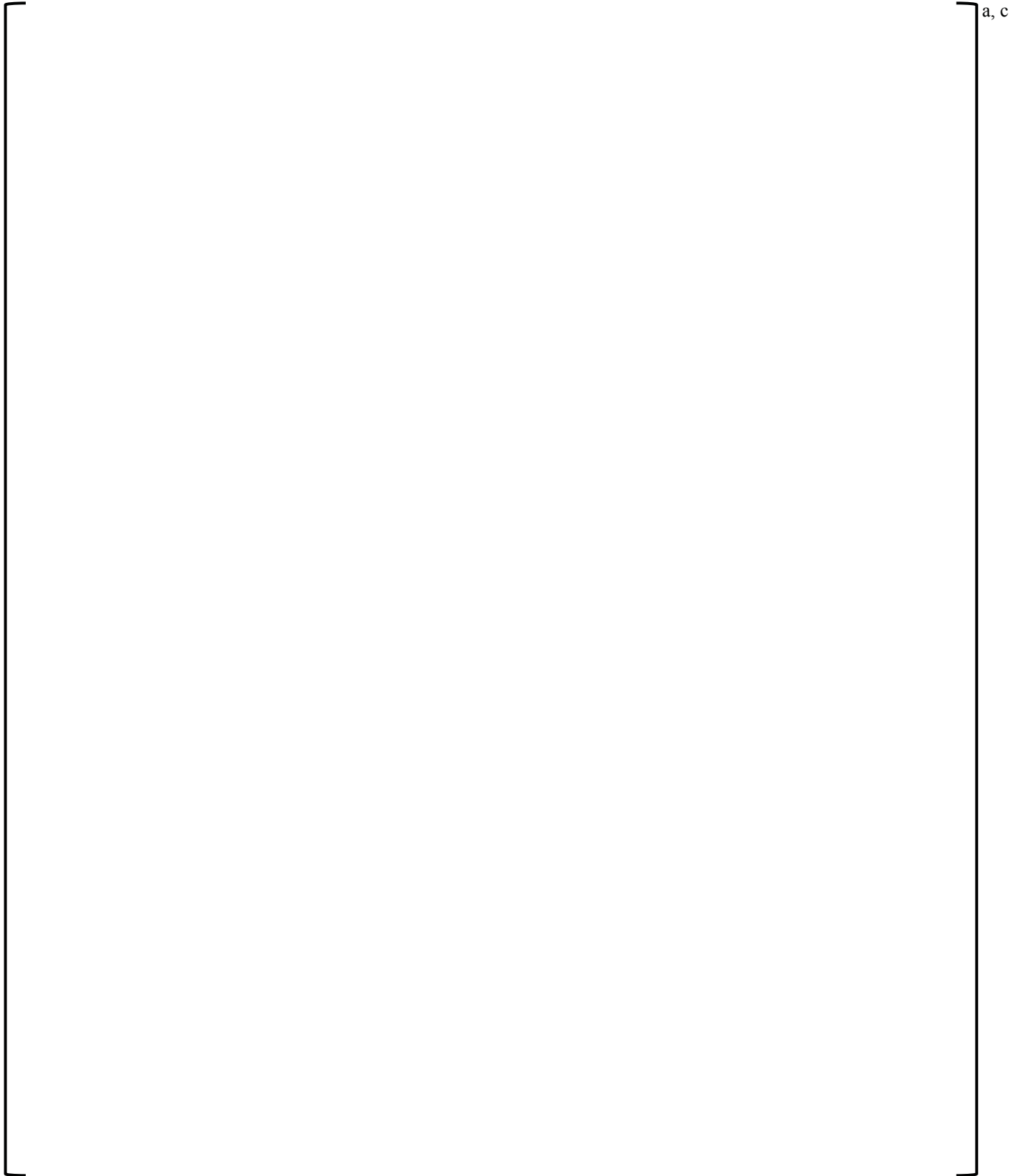
Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 3 of 26



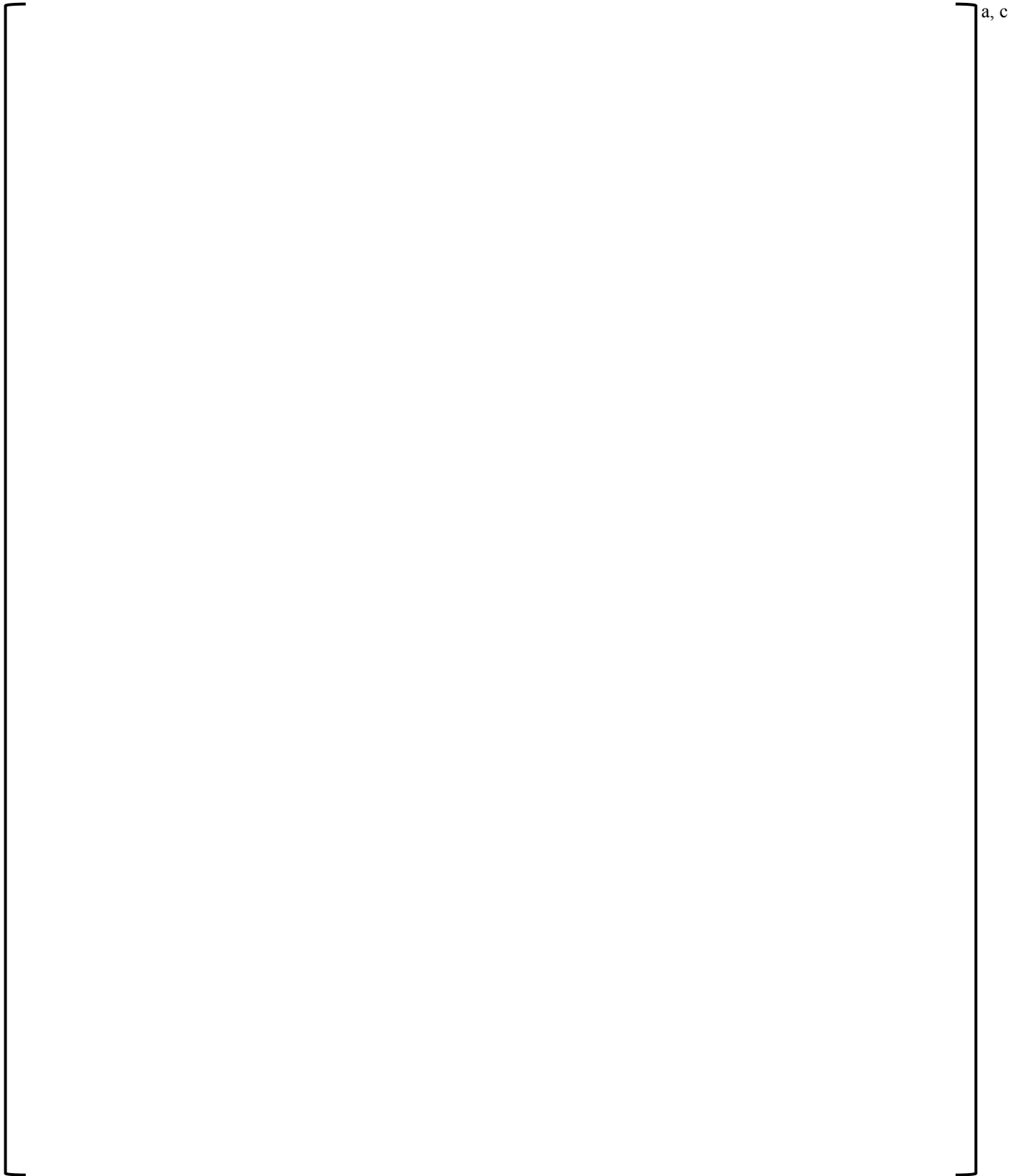
Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 4 of 26



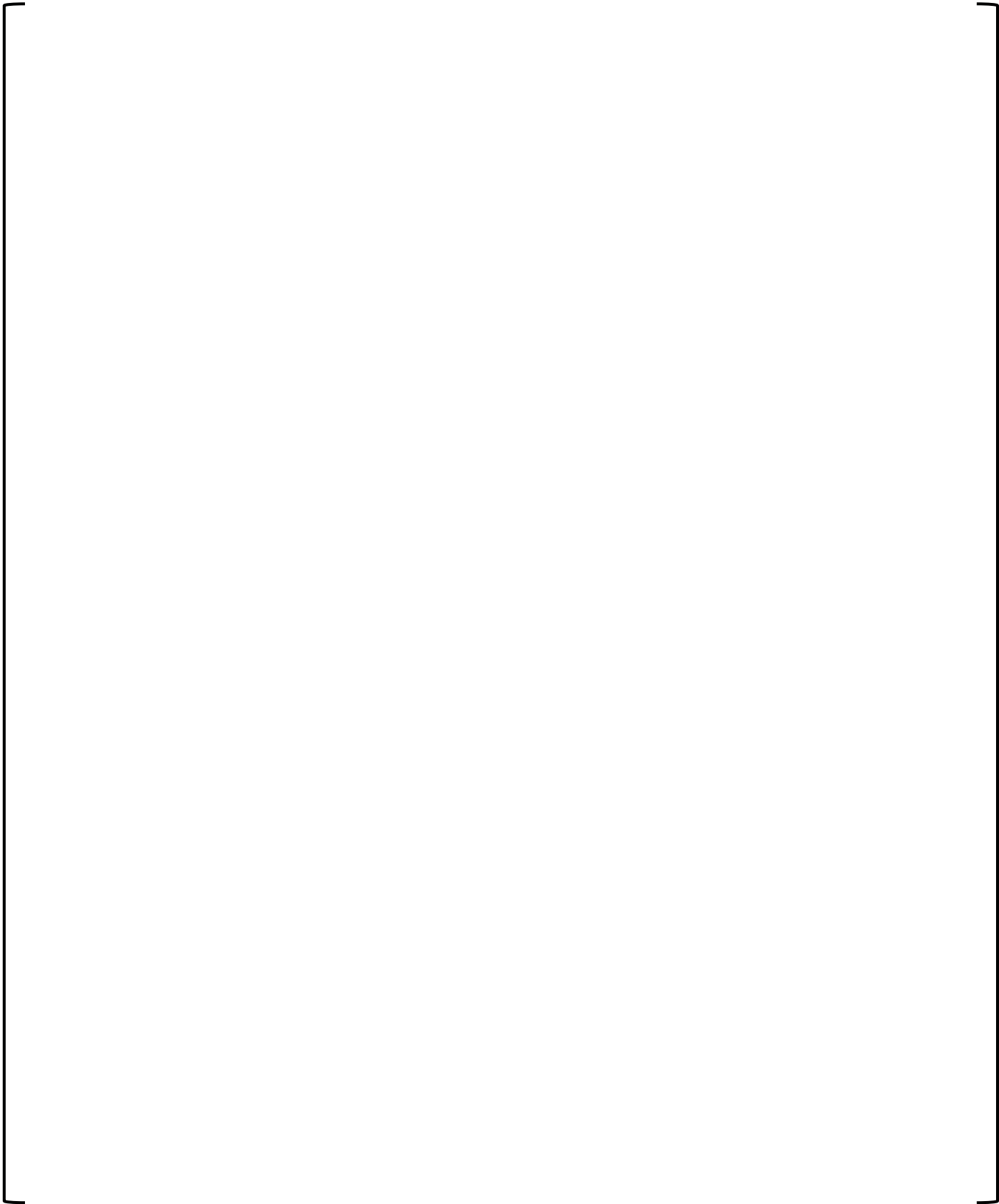
Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 5 of 26



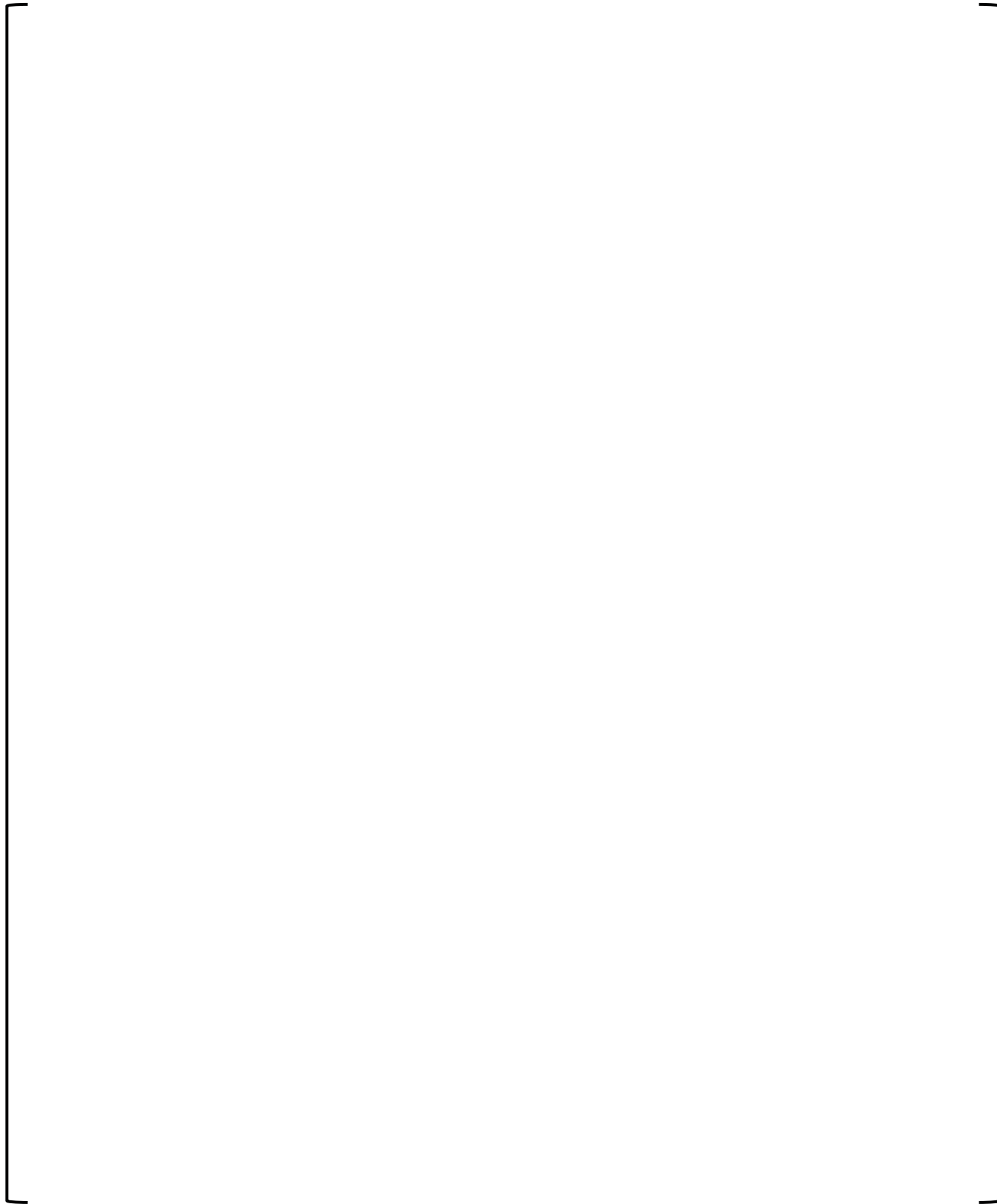
Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 6 of 26



Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 7 of 26

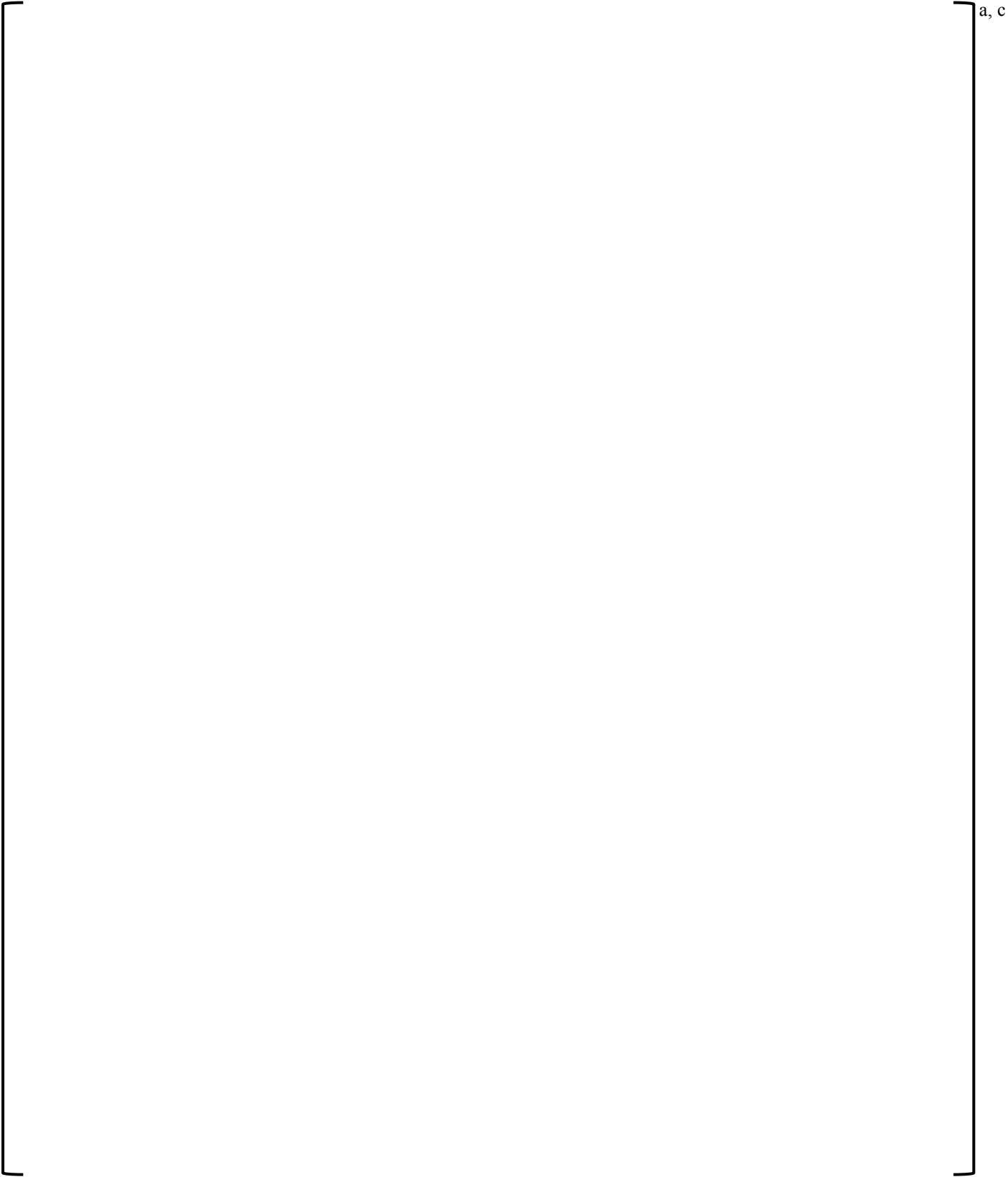


Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 8 of 26

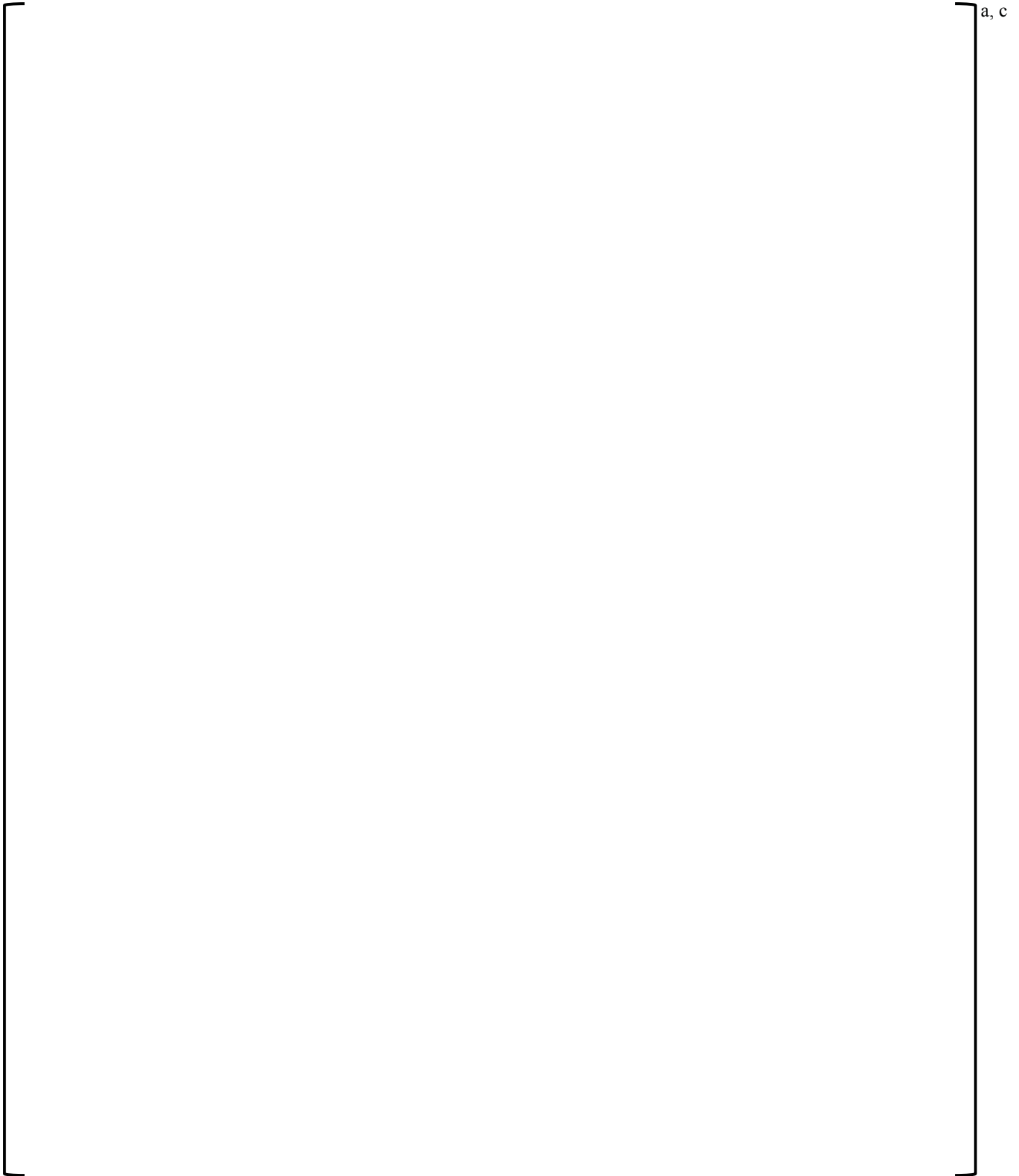


a, c

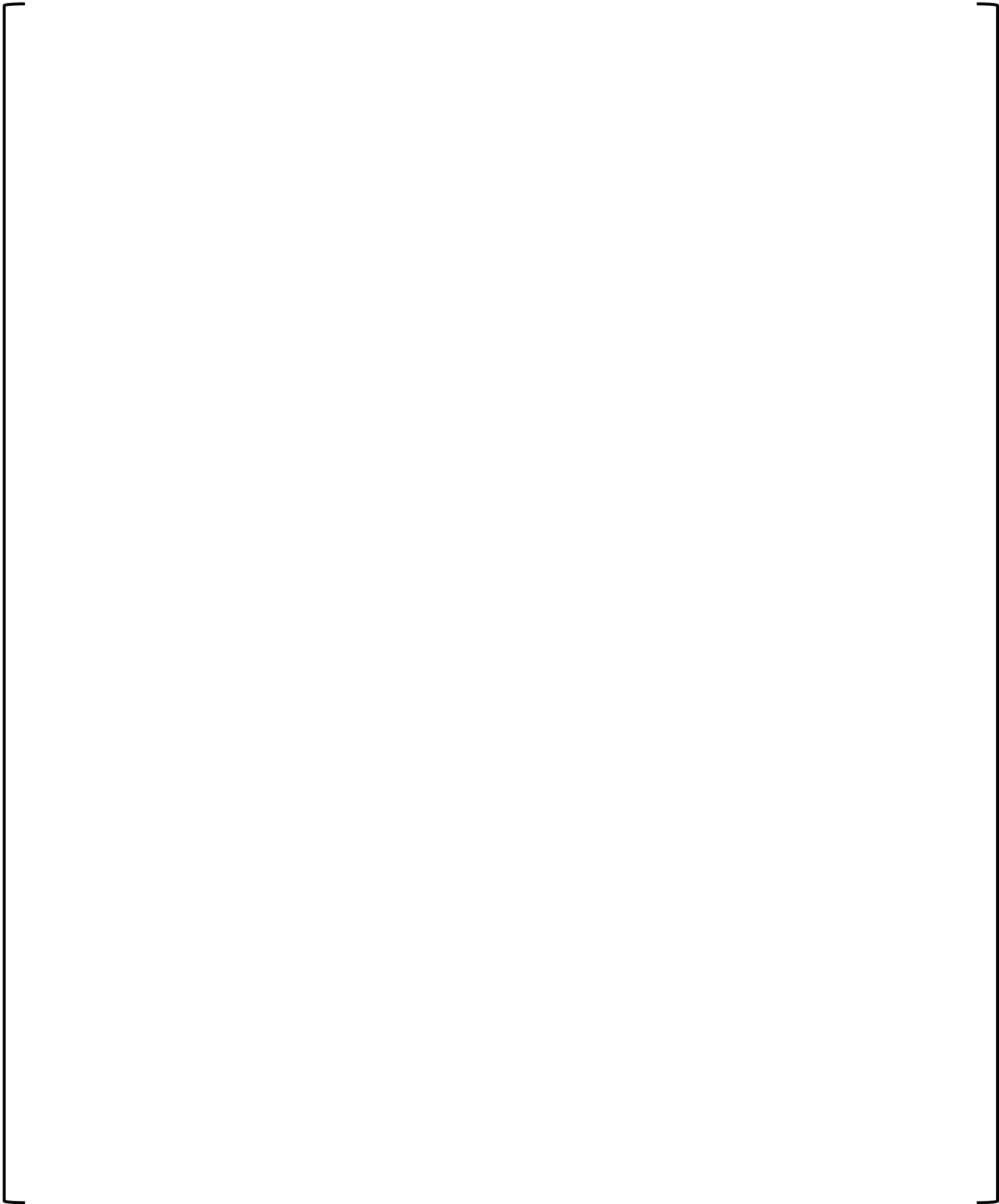
Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 9 of 26



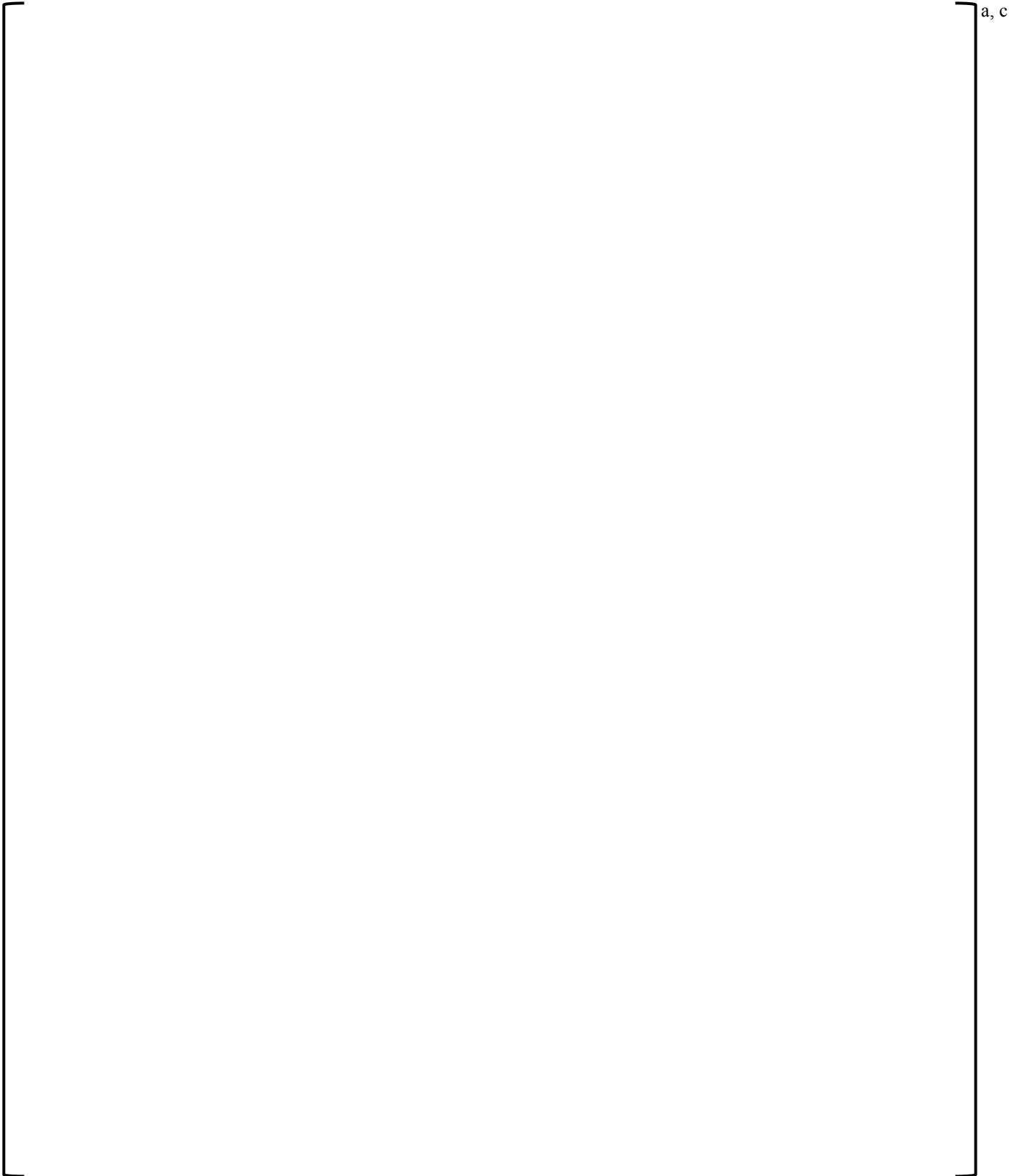
Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 10 of 26



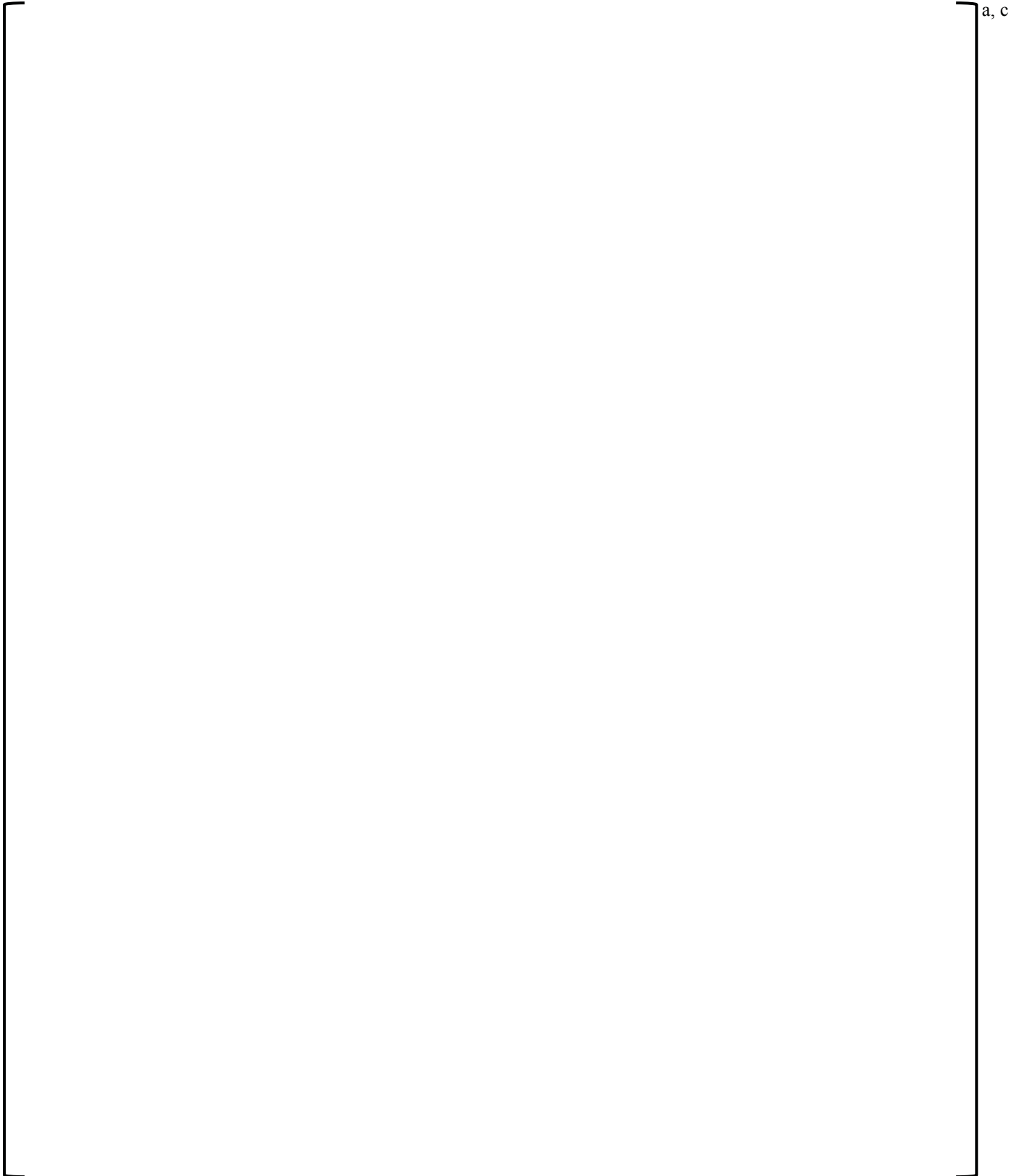
Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 11 of 26



Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 12 of 26



Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 13 of 26

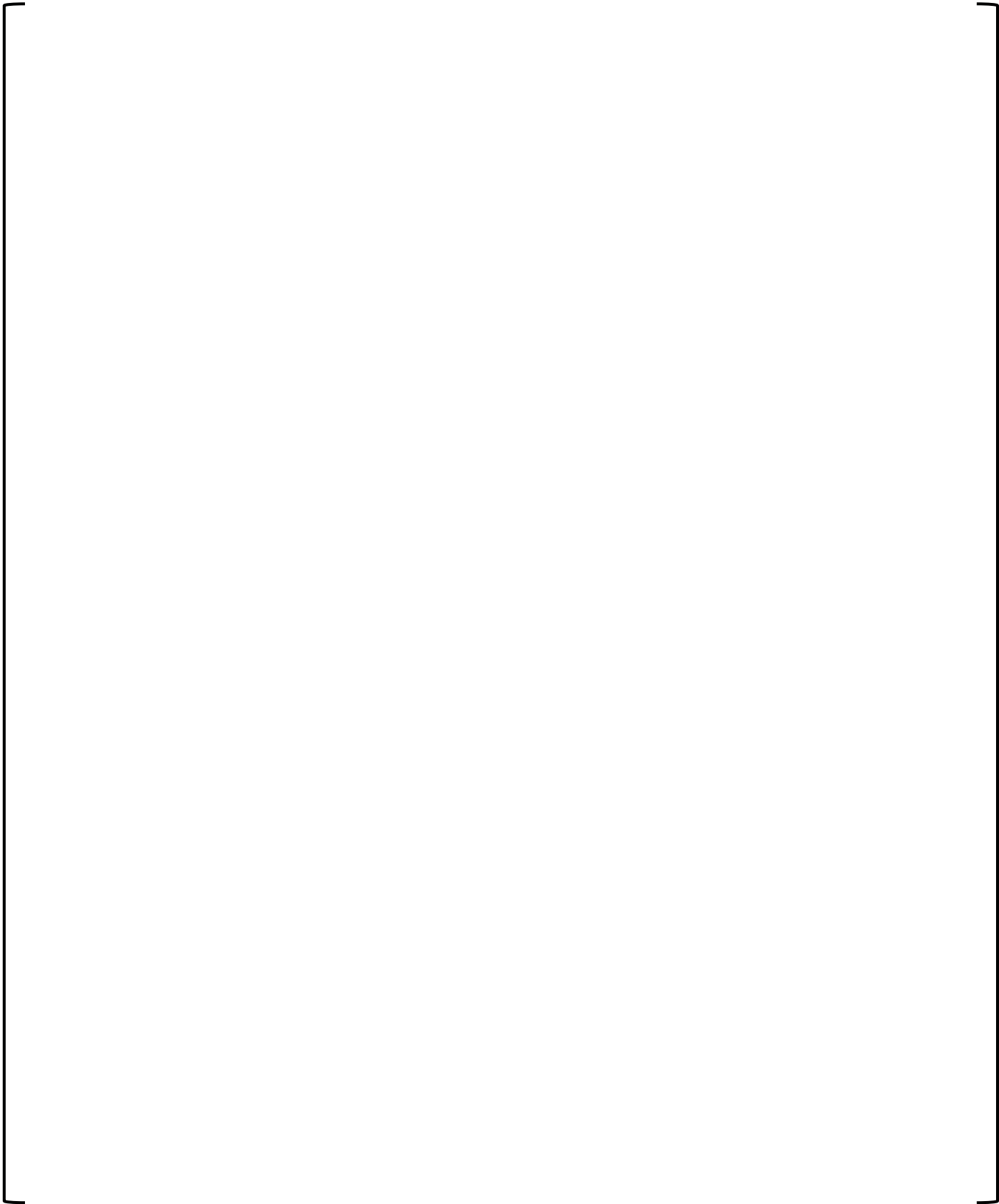


Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 14 of 26

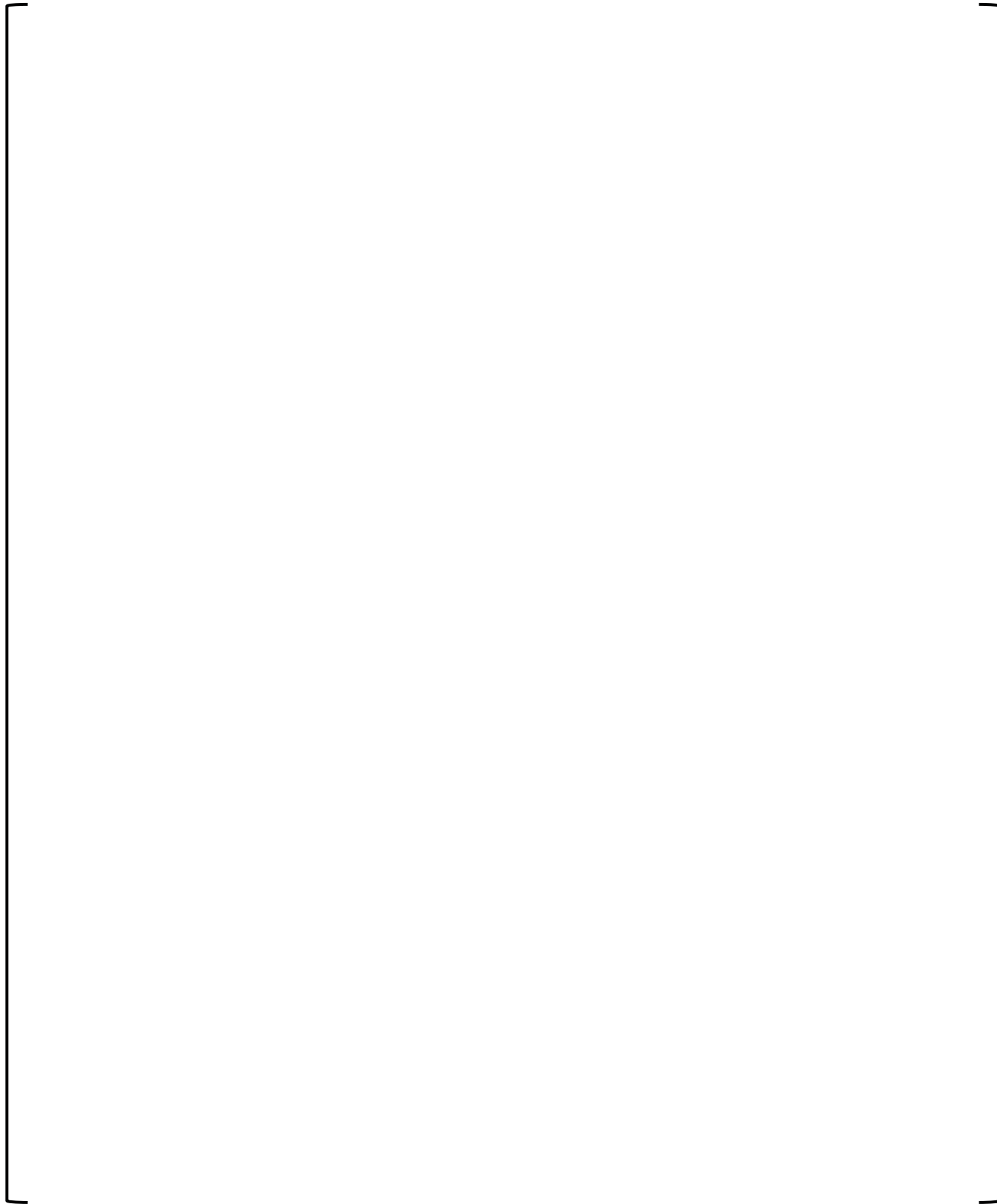
a, c



Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 15 of 26

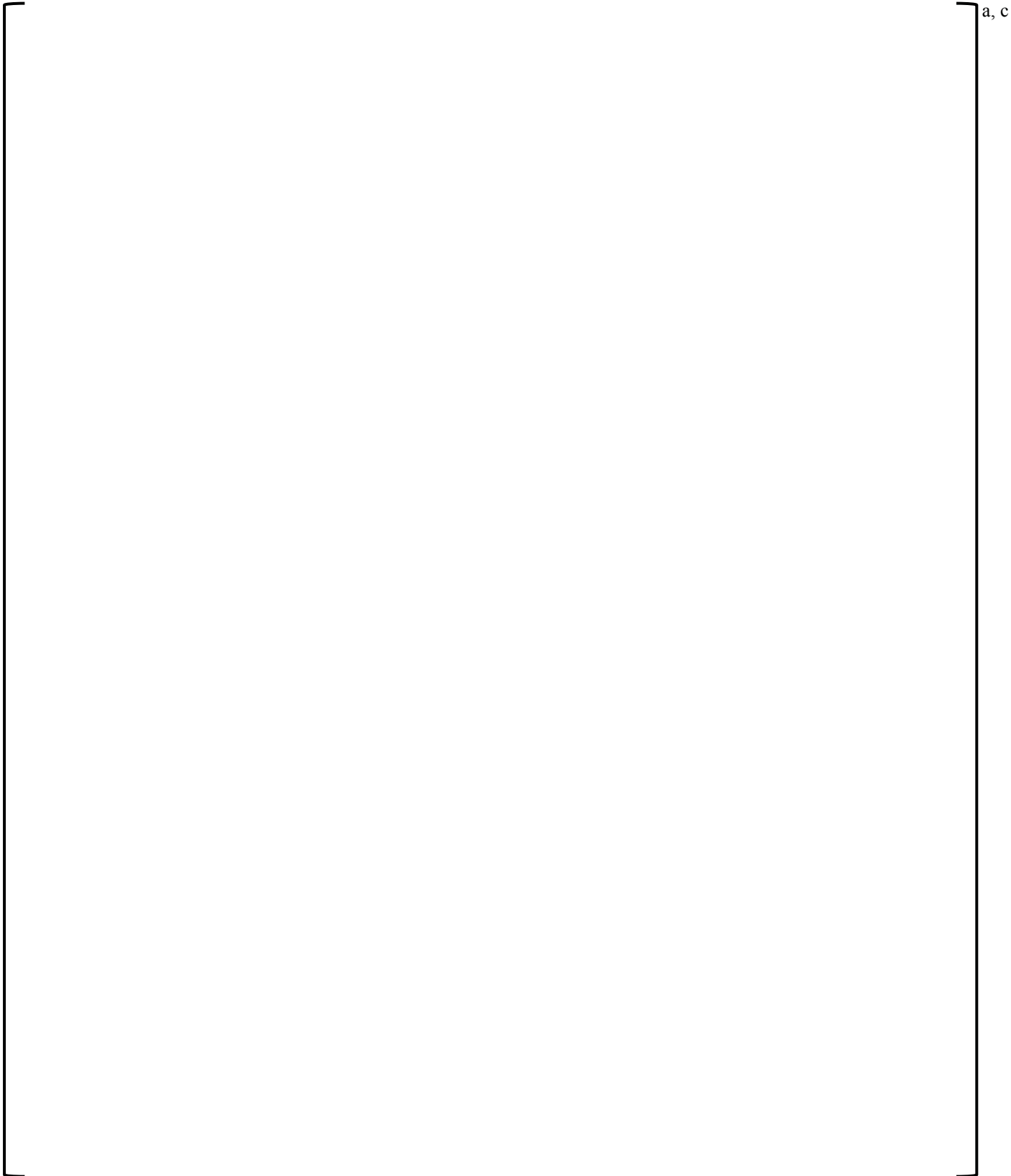


Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 16 of 26

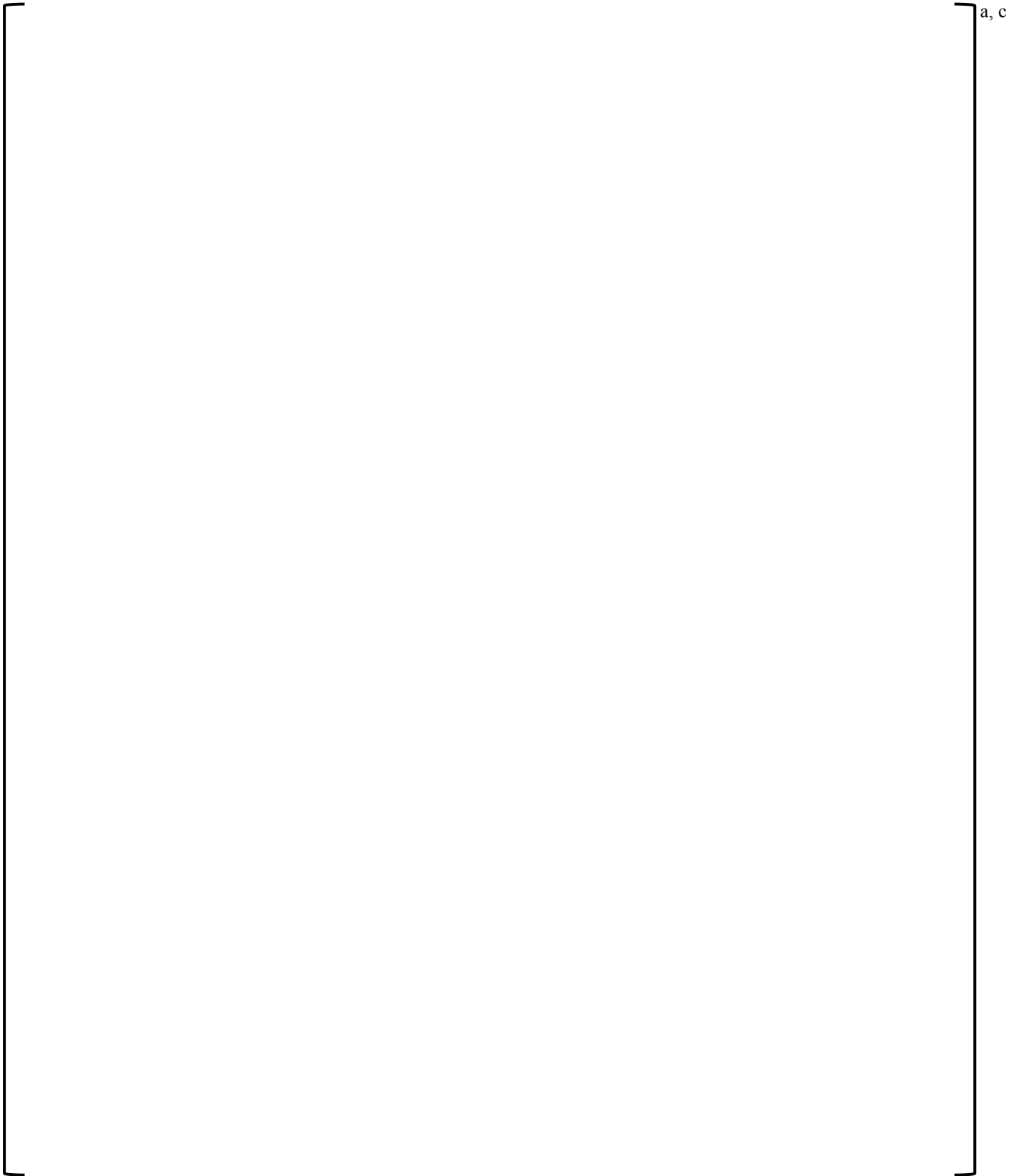


a, c

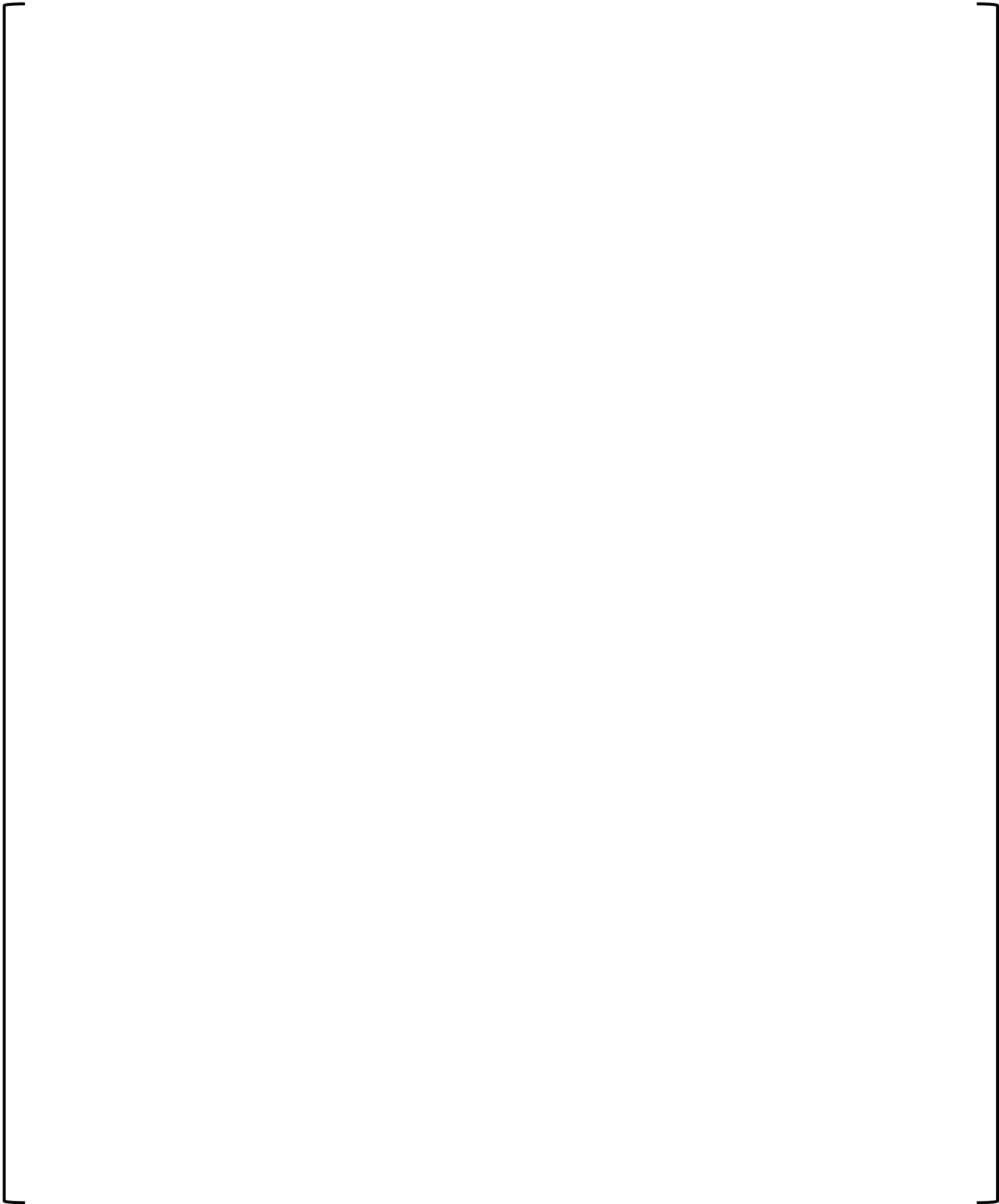
Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 17 of 26



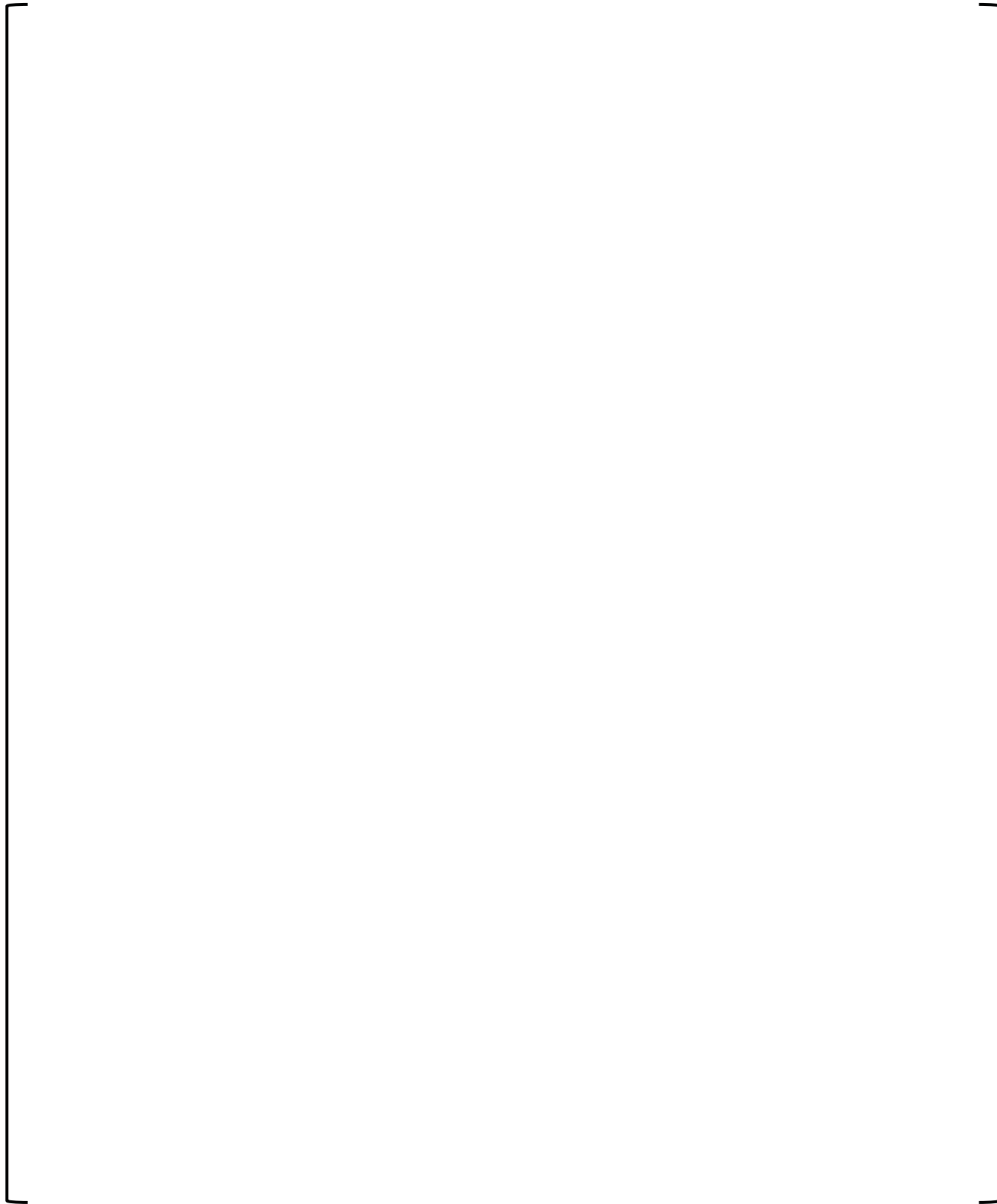
Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 18 of 26



Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 19 of 26

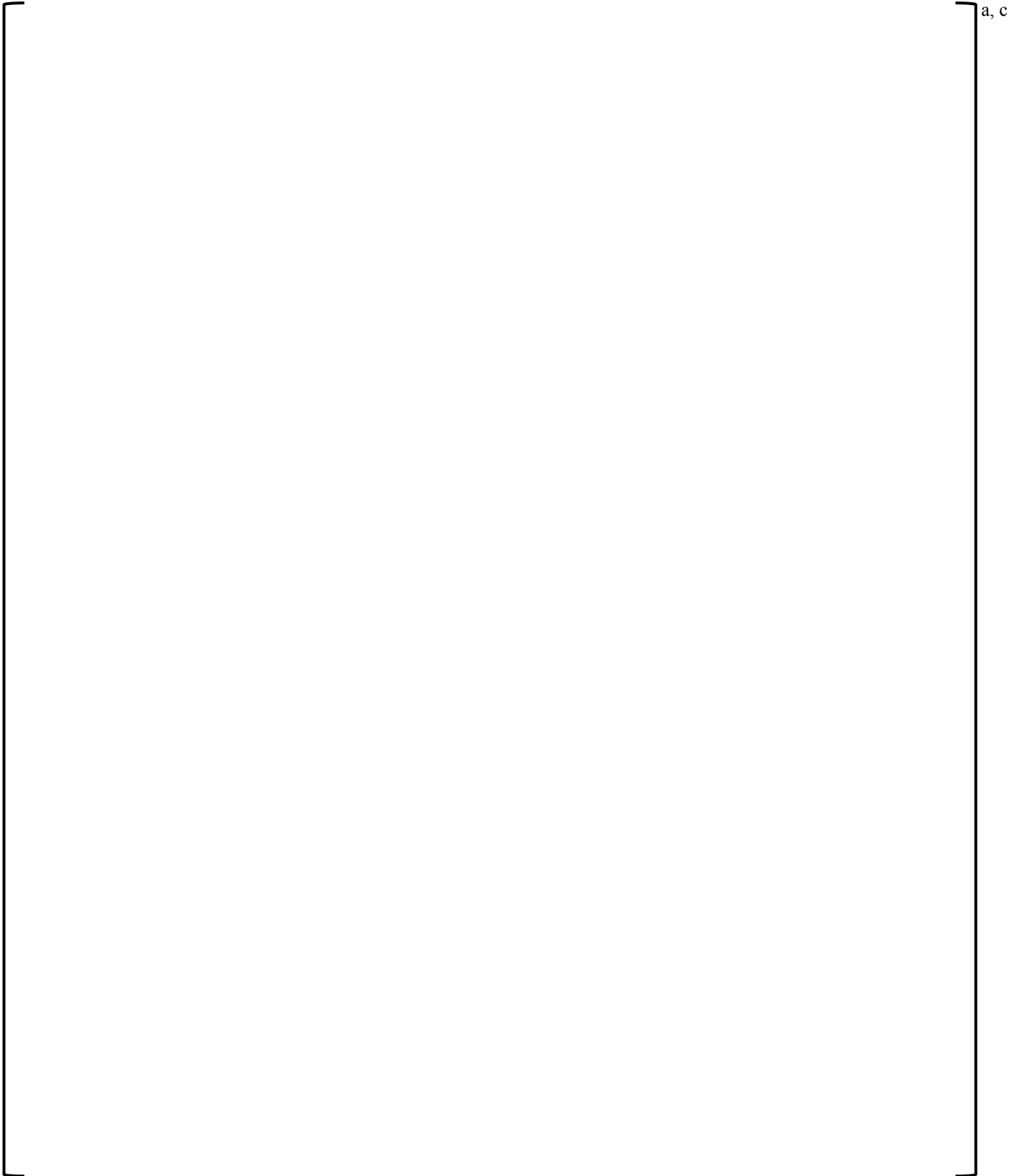


Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 20 of 26

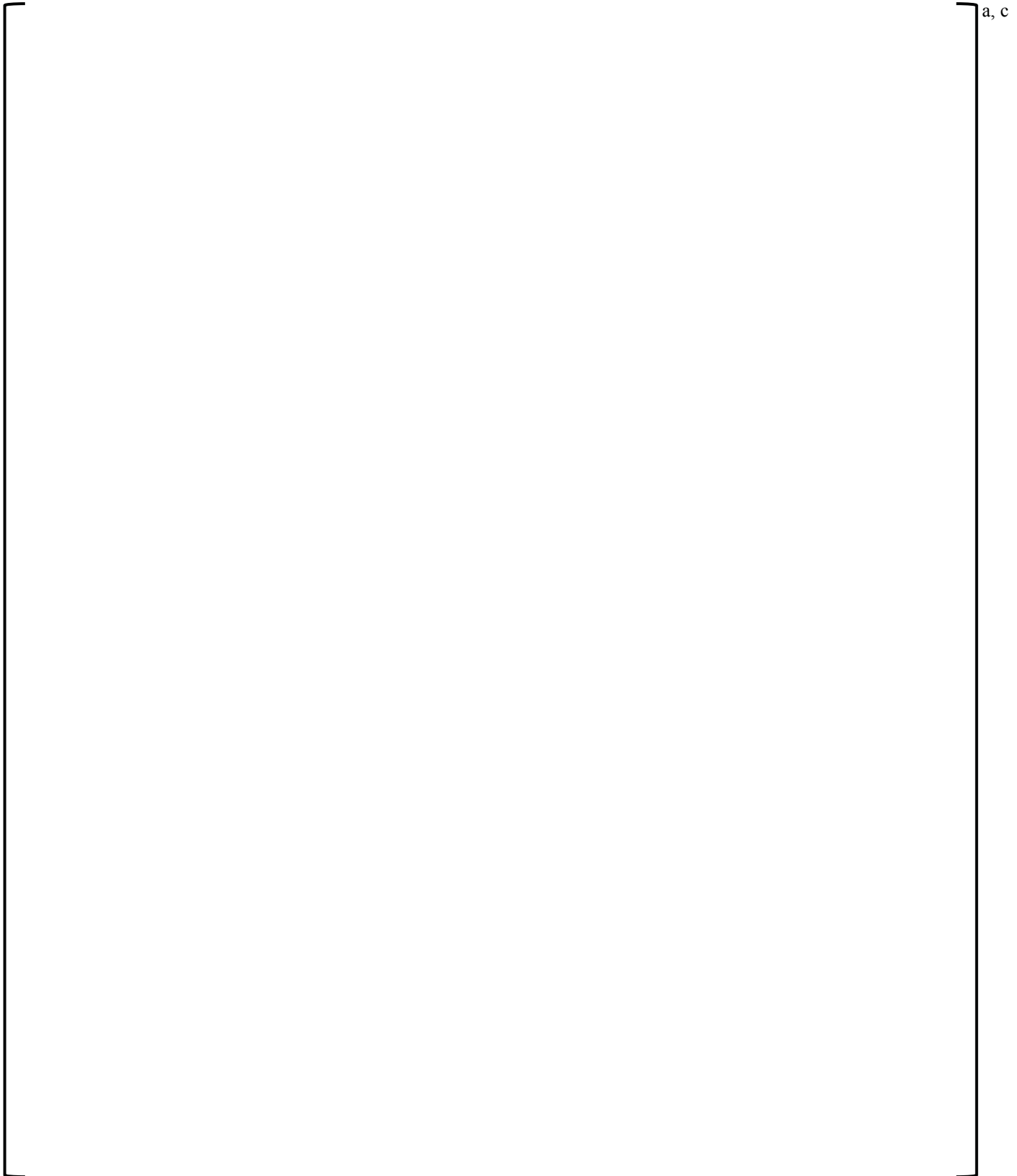


a, c

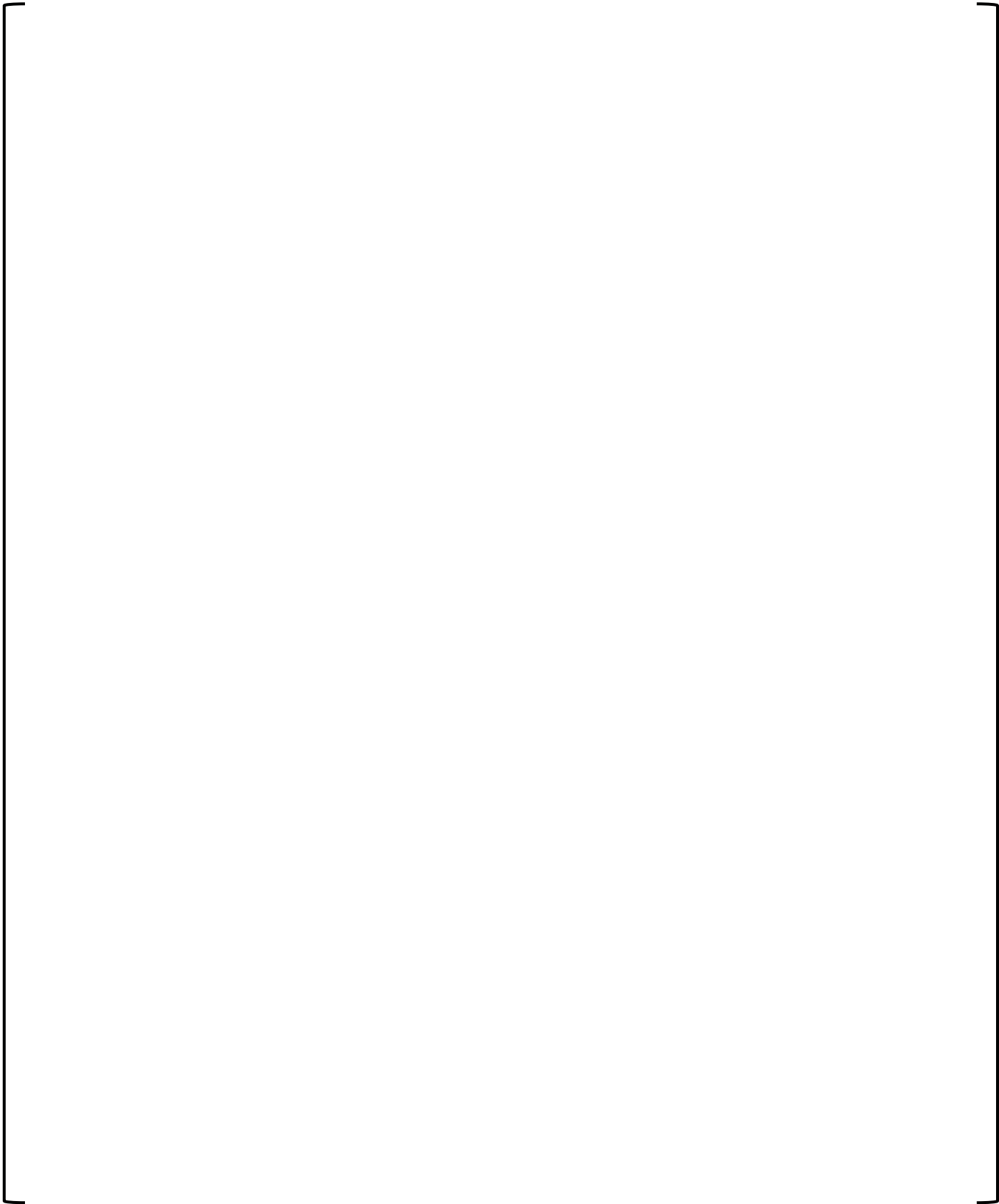
Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 21 of 26



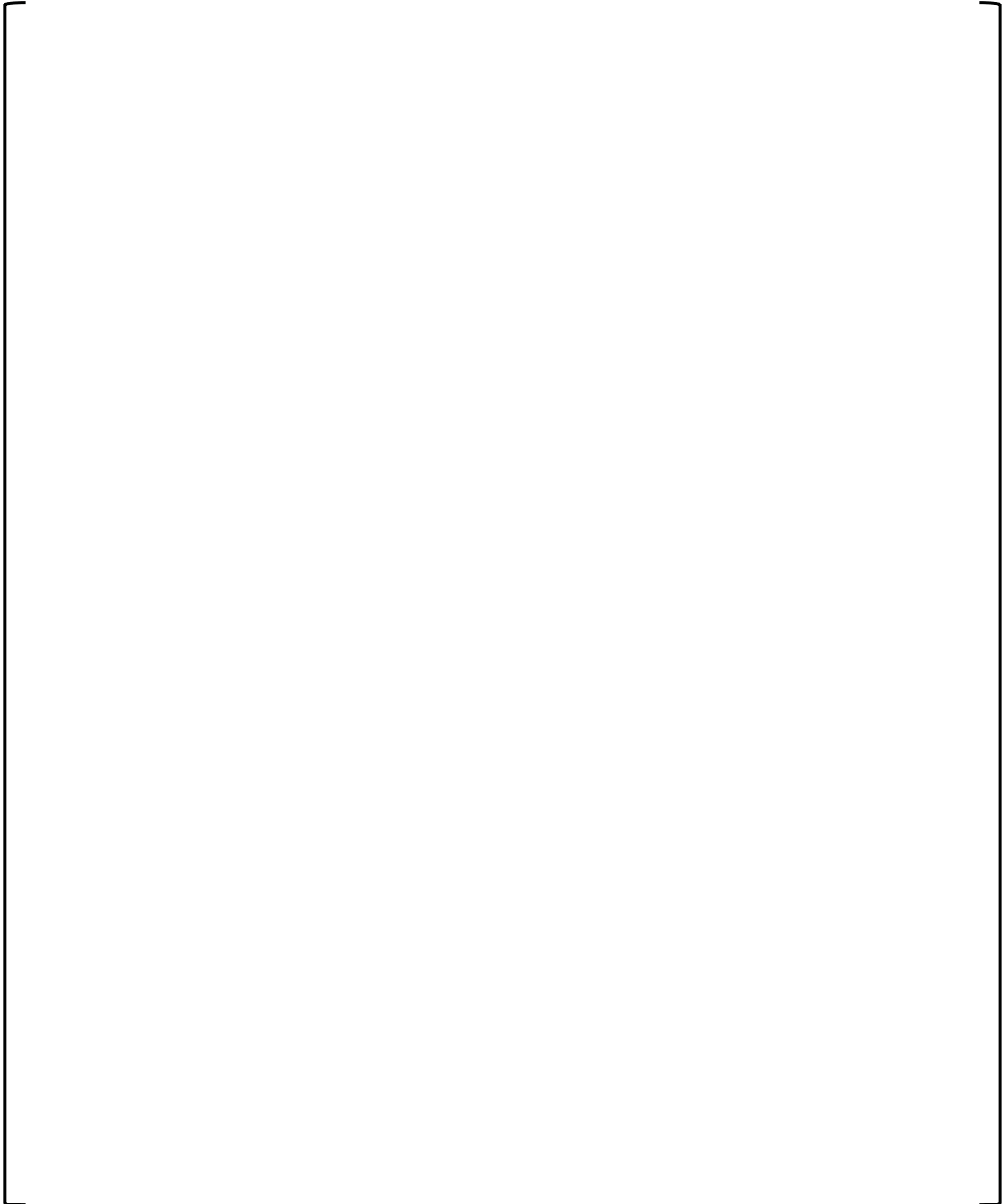
Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 22 of 26



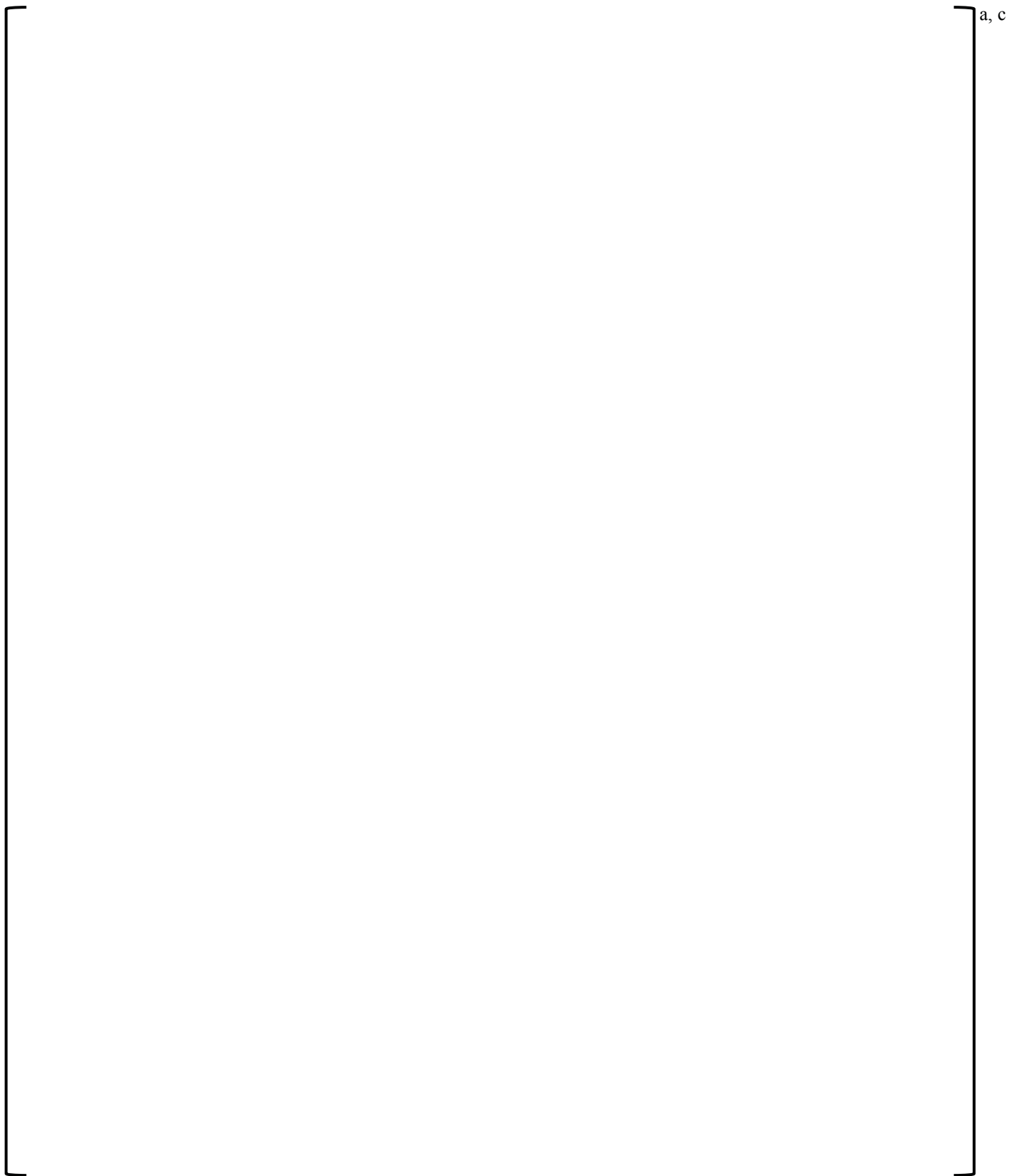
Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 23 of 26



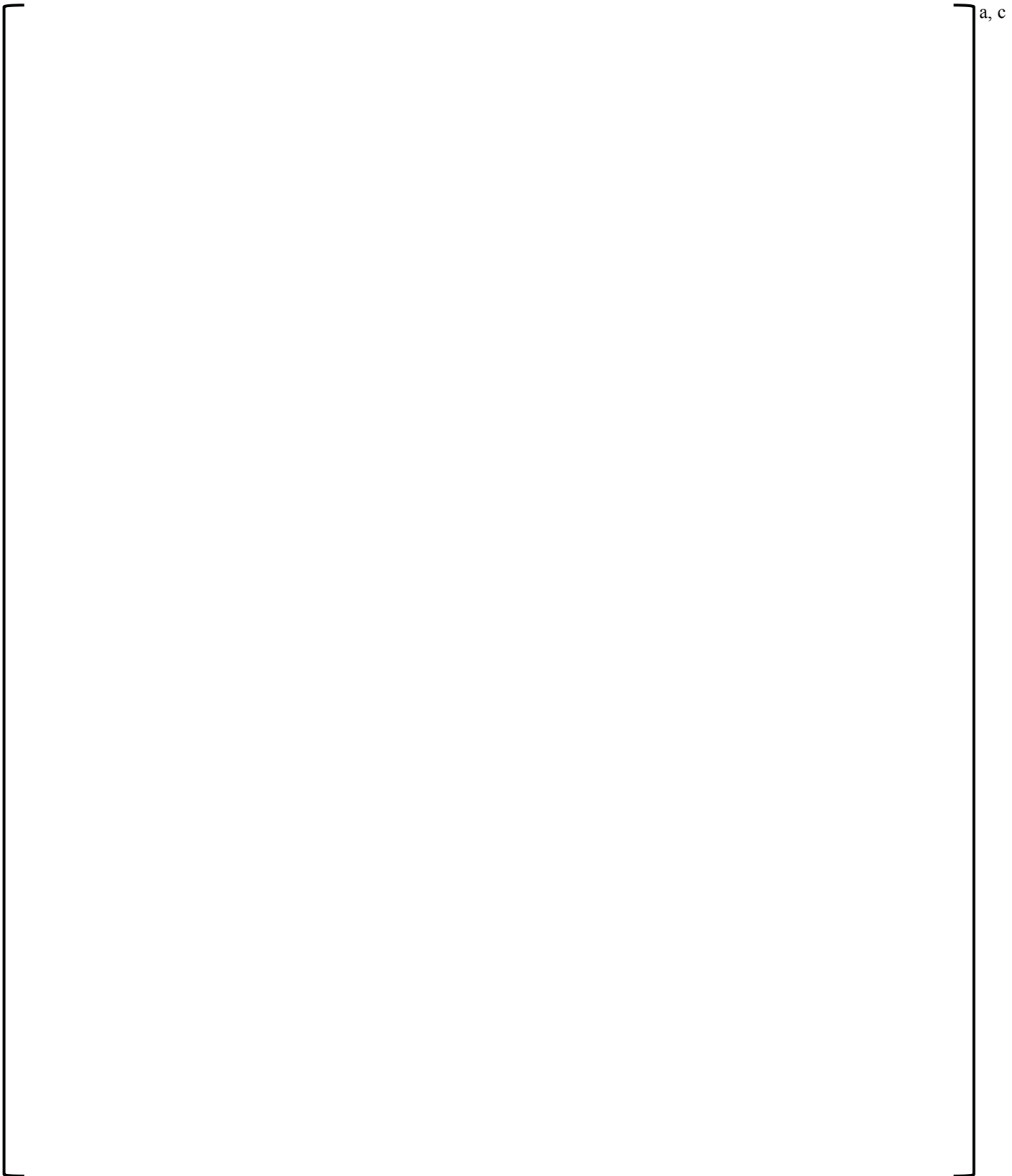
Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 24 of 26

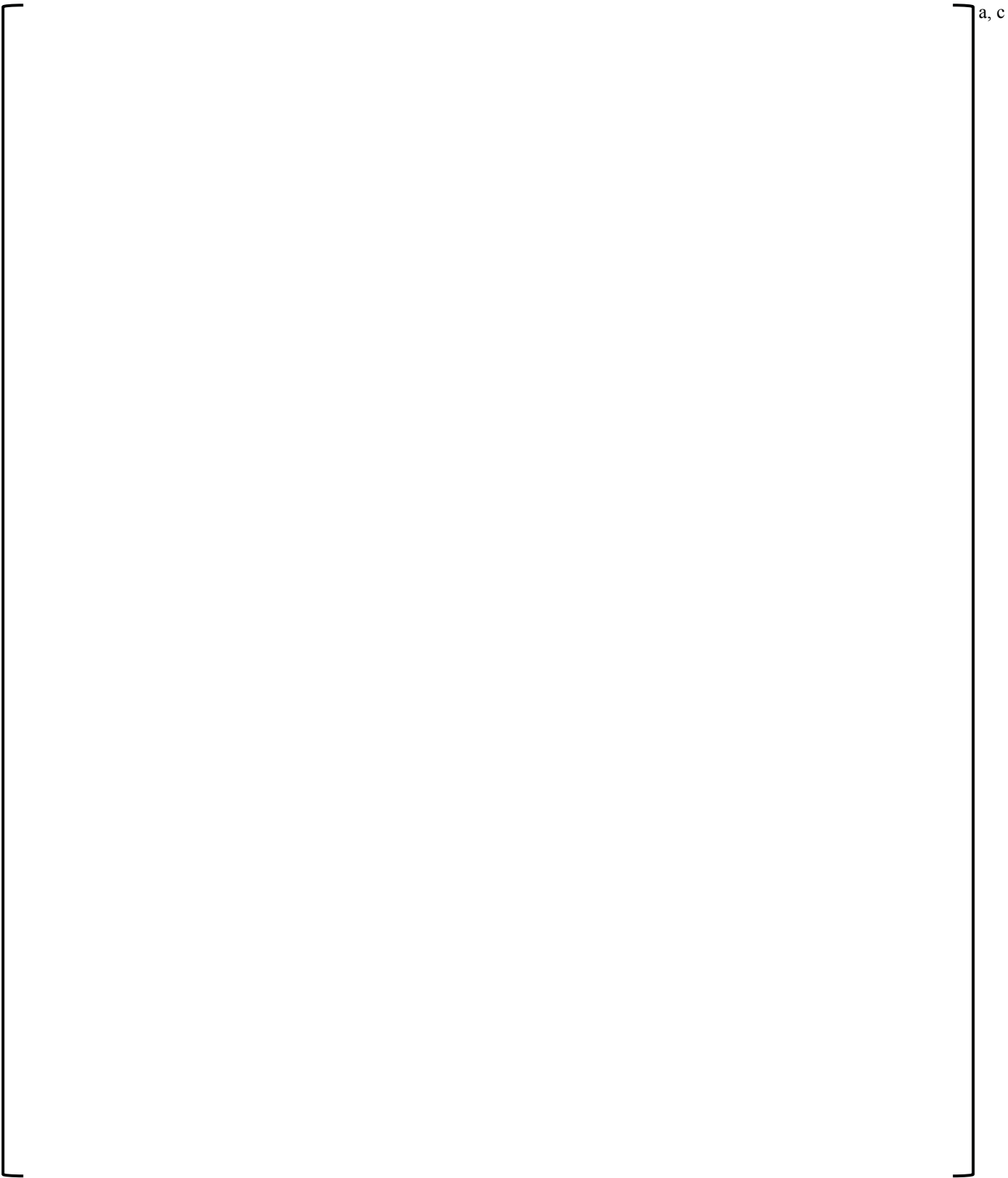


Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 25 of 26



Evacuation of Control Room	3-AOP-601	
	VOGTLE	Version E=0.4
	Unit 3	Page 26 of 26

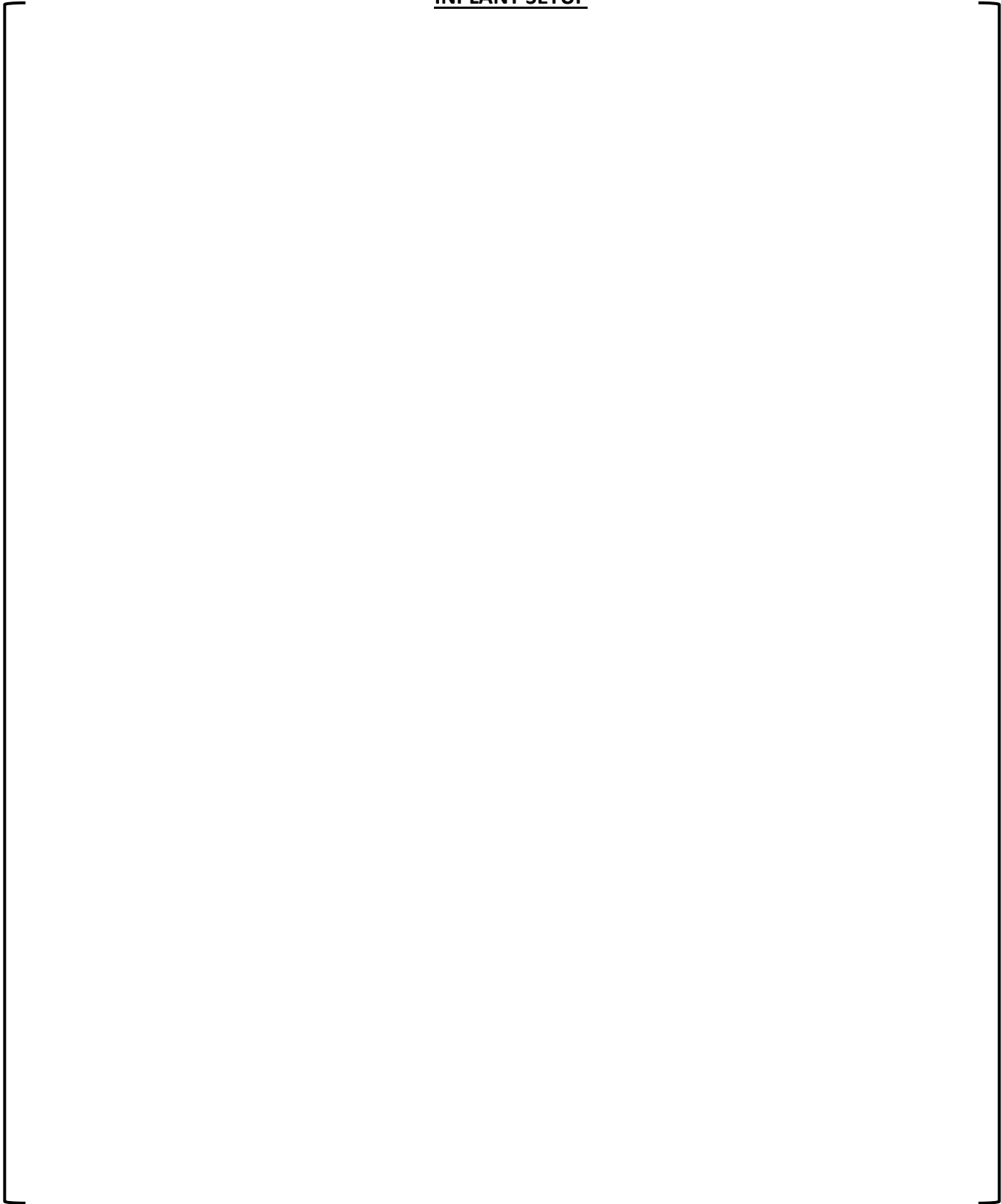




a, c

INPLANT SETUP

a, c



READ TO APPLICANT**DIRECTION TO APPLICANT:**

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

a, c

START TIME: _____

Evaluator Note:

- **The most likely screen is given for where the operator will perform the task or check the indication. Indications may be available on multiple screens. In those cases, it is acceptable to look at other screens to get the same information from the same instrument.**
- **When prompted by the candidate for a peer check, respond “peer check is NOT available”.**
- **When any report is given or a request is made, “acknowledge the report verbatim.” Provide no other answer as this may unknowingly cue the candidate.**

STEP/STANDARD	SAT/UNSAT
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	a, c
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STEP/STANDARD	SAT/UNSAT
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	a, c
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STEP/STANDARD	SAT/UNSAT
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	a, c
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STEP/STANDARD	SAT/UNSAT
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	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
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APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

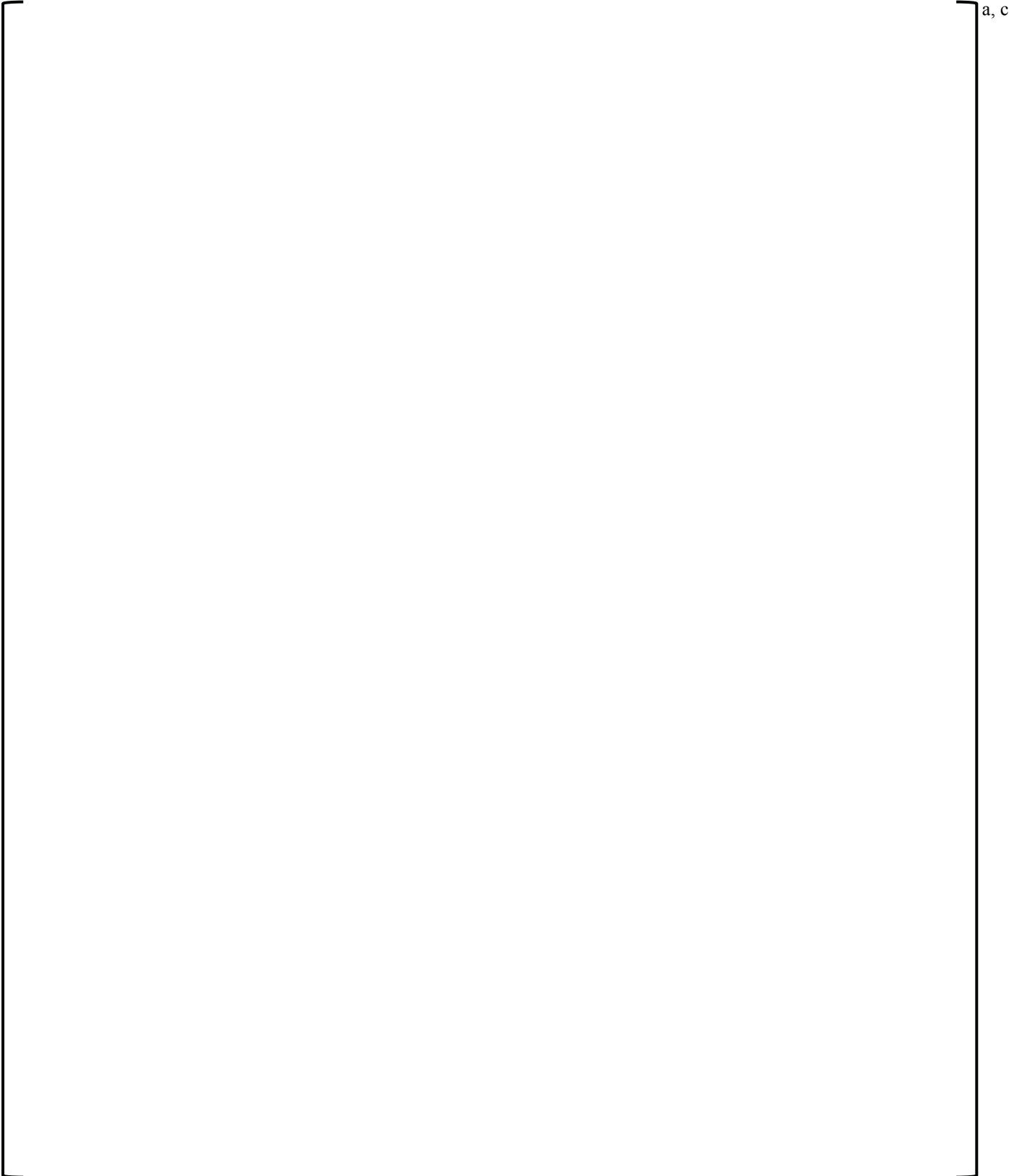
a, c



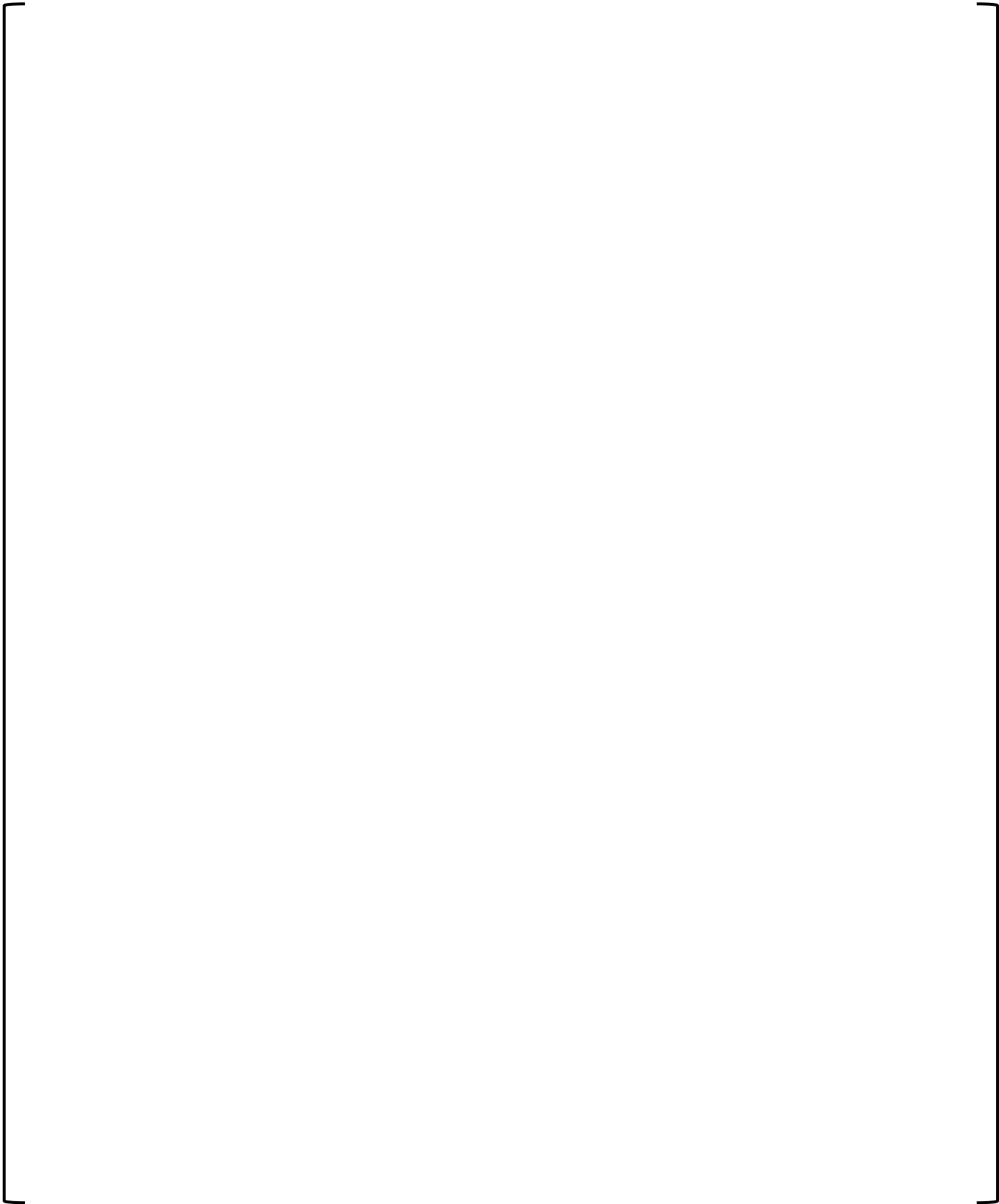
VOGTLE
Unit 3

a, c

Malfunction of DDS	3-AOP-401	
	VOGTLE	Version D=0.3
	Unit 3	Page 2 of 40

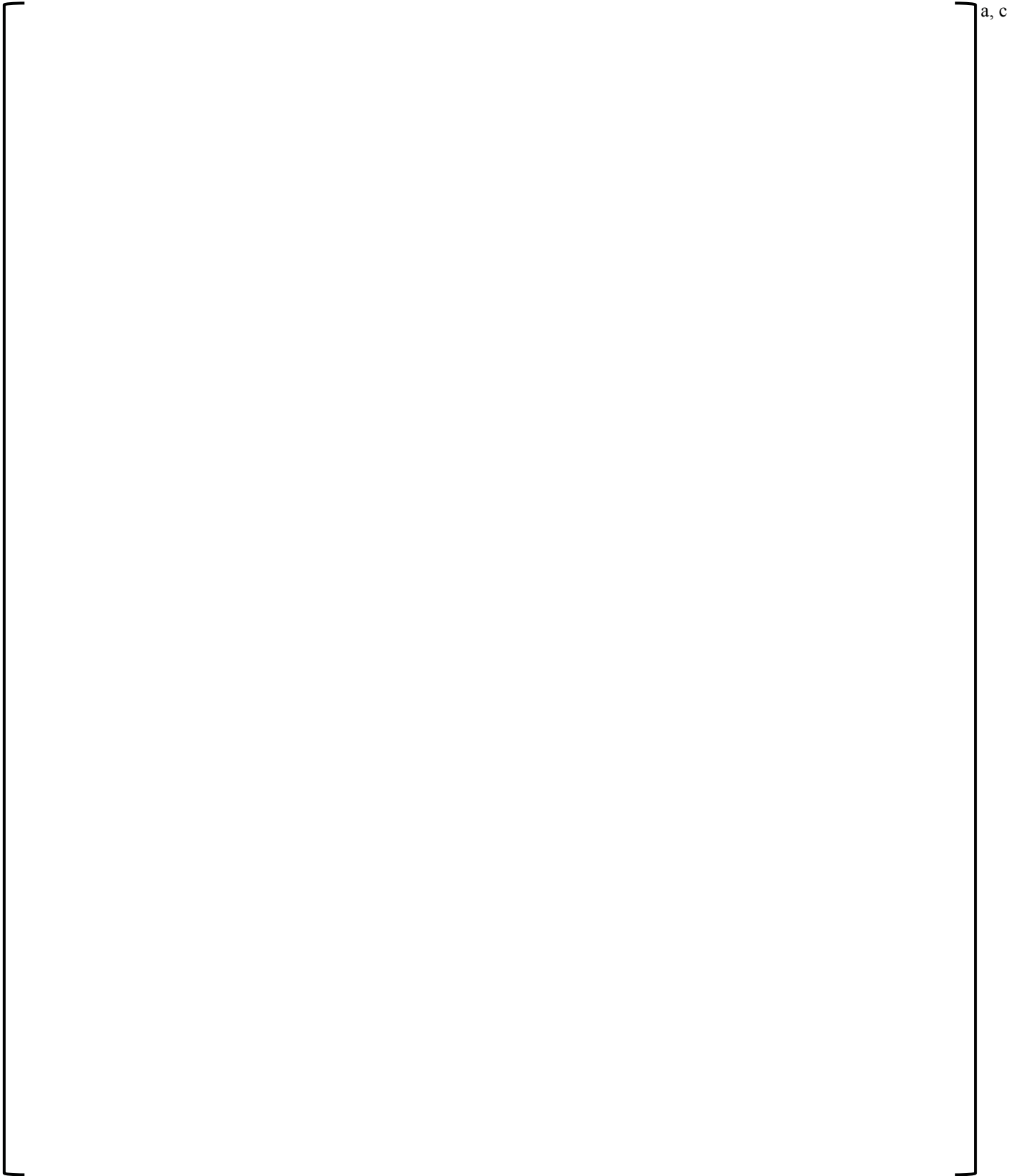


Malfunction of DDS	3-AOP-401	
	VOGTLE	Version D=0.3
	Unit 3	Page 3 of 40

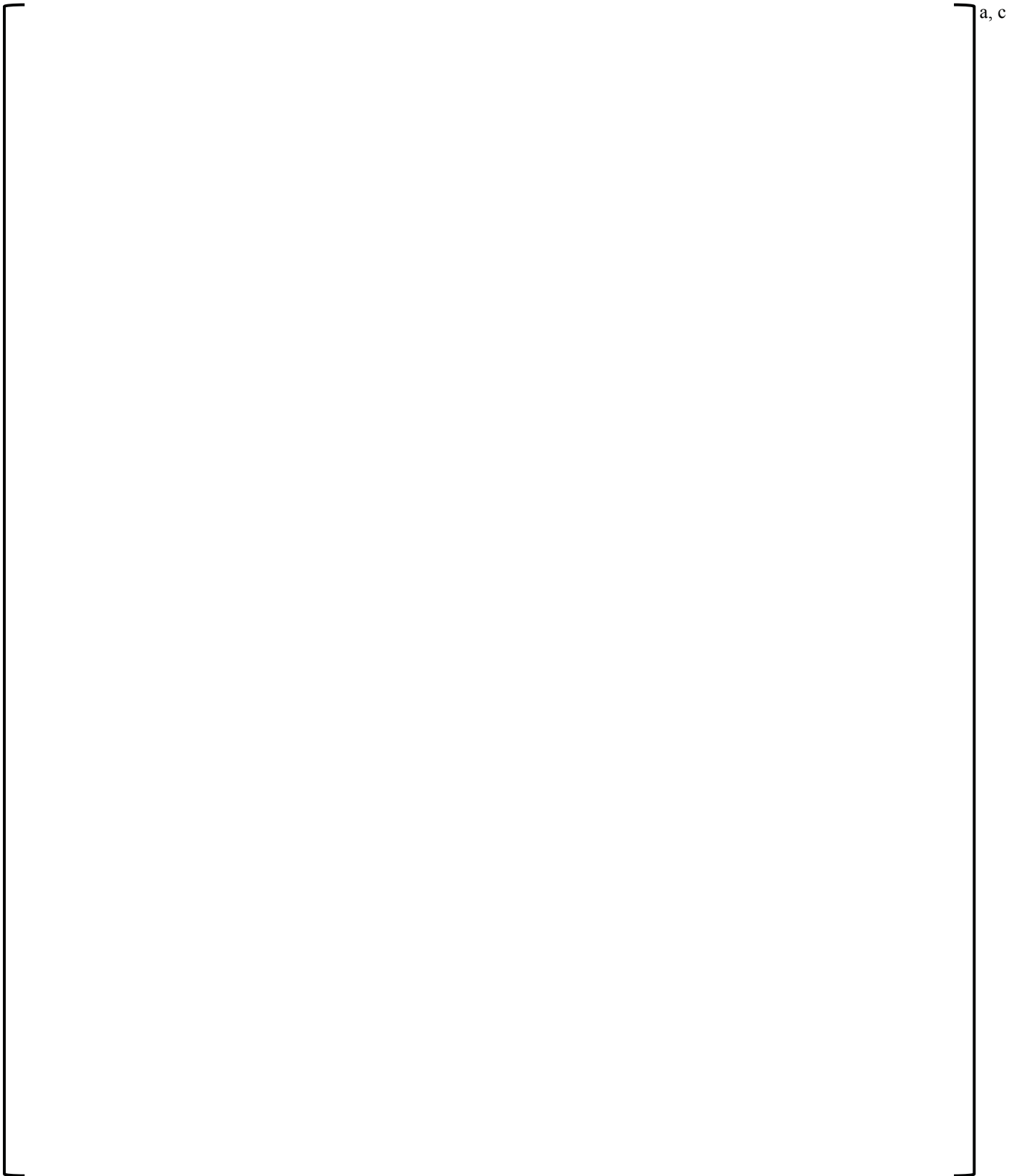


a, c

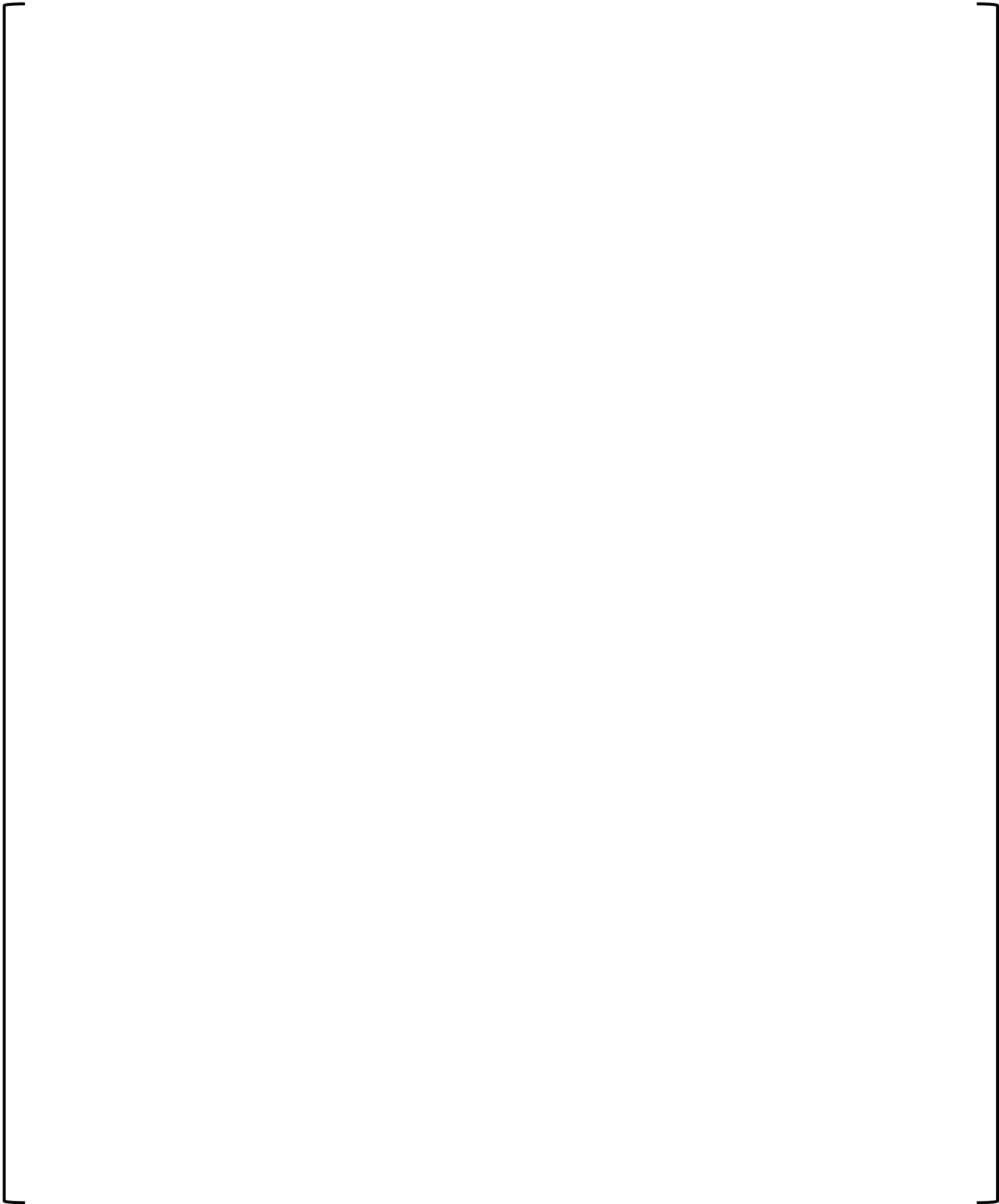
Malfunction of DDS	3-AOP-401	
	VOGTLE	Version D=0.3
	Unit 3	Page 4 of 40



Malfunction of DDS	3-AOP-401	
	VOGTLE	Version D=0.3
	Unit 3	Page 5 of 40

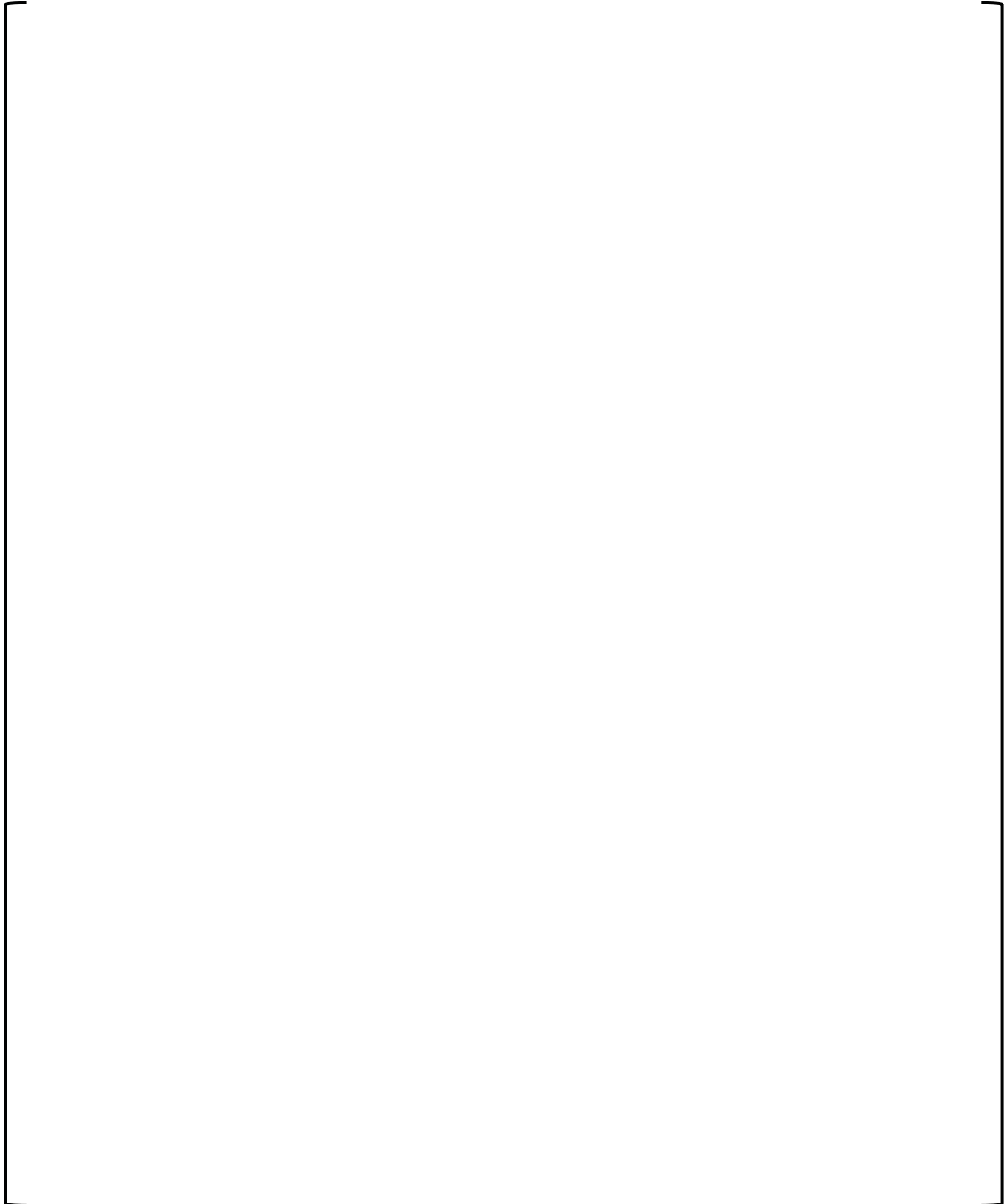


Malfunction of DDS	3-AOP-401	
	VOGTLE	Version D=0.3
	Unit 3	Page 6 of 40



a, c

Malfunction of DDS	3-AOP-401
	VOGTLE Unit 3
	Version D=0.3
	Page 7 of 40



a, c

Malfunction of DDS

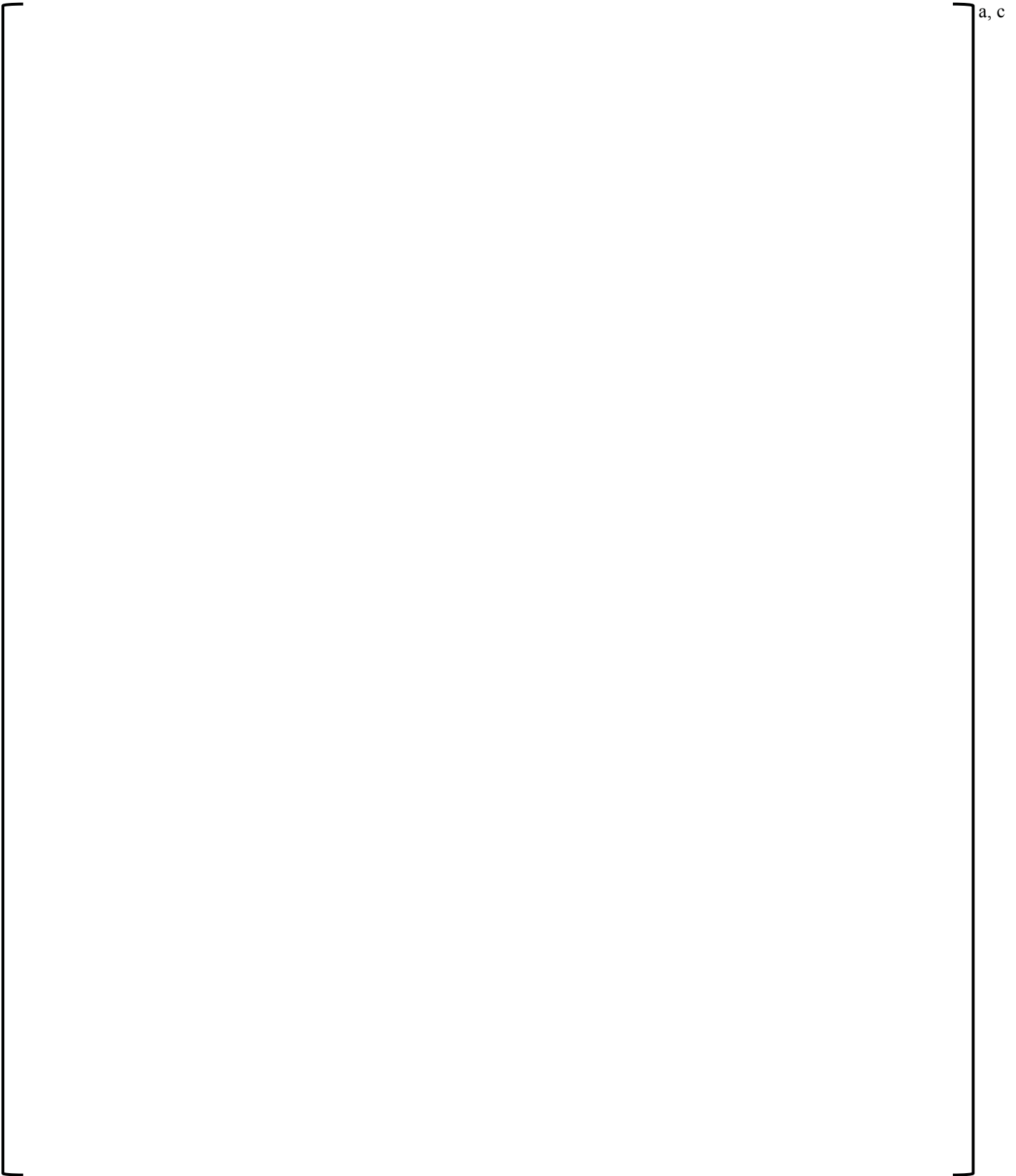
3-AOP-401

VOGTLE

Version D=0.3

Unit 3

Page 8 of 40



a, c

Malfunction of DDS

3-AOP-401

VOGTLE

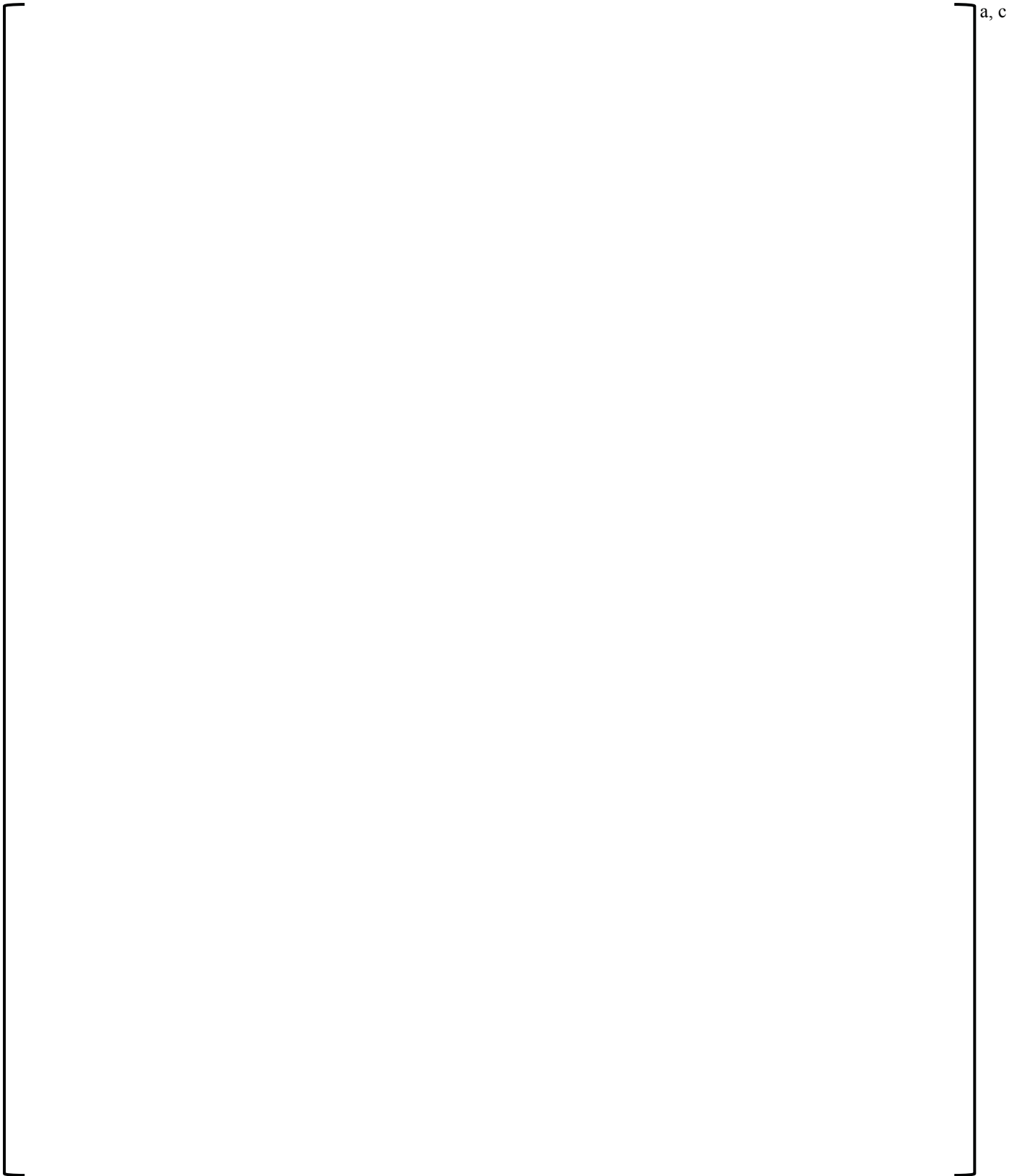
Version D=0.3

Unit 3

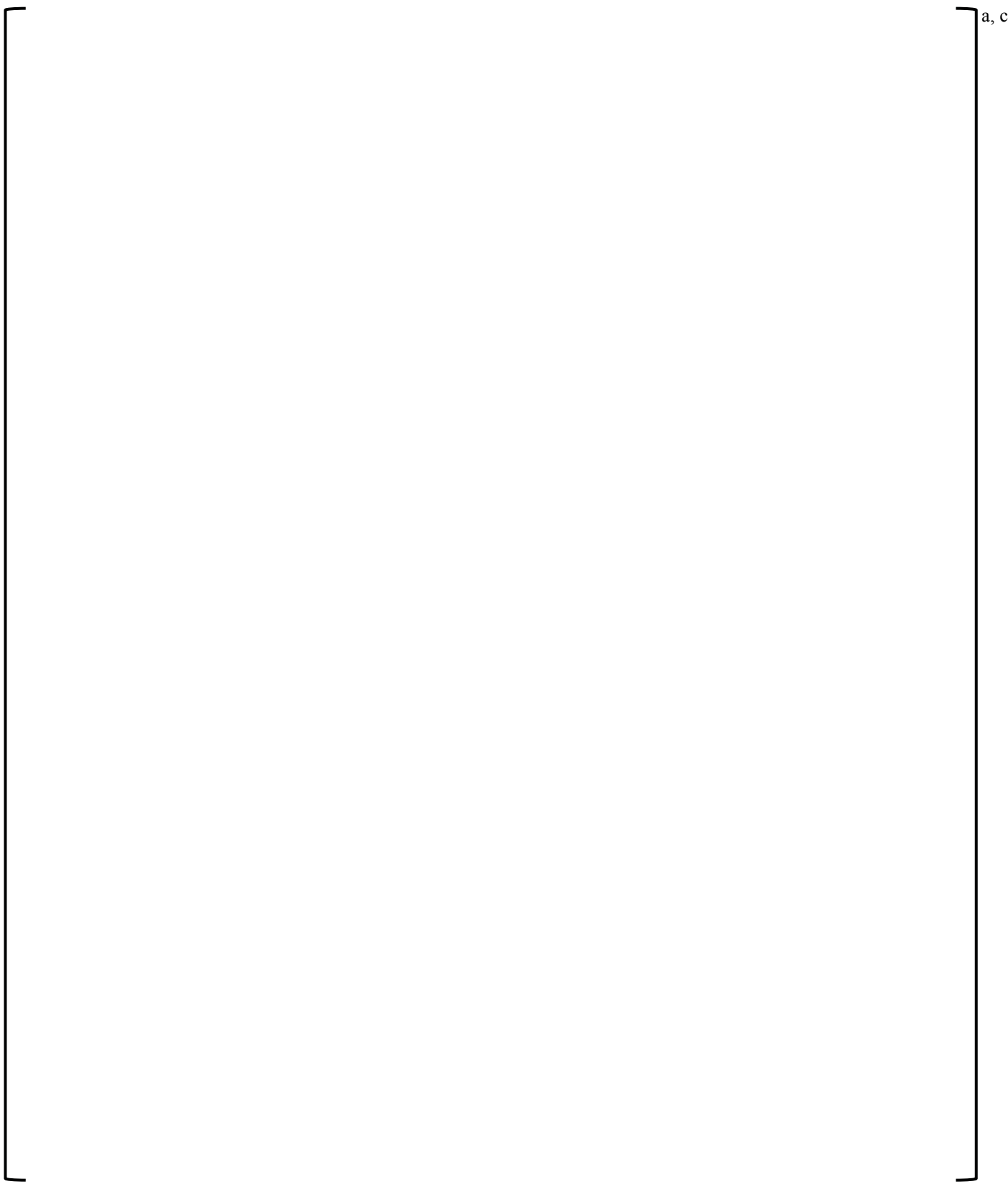
Page 9 of 40

a, c

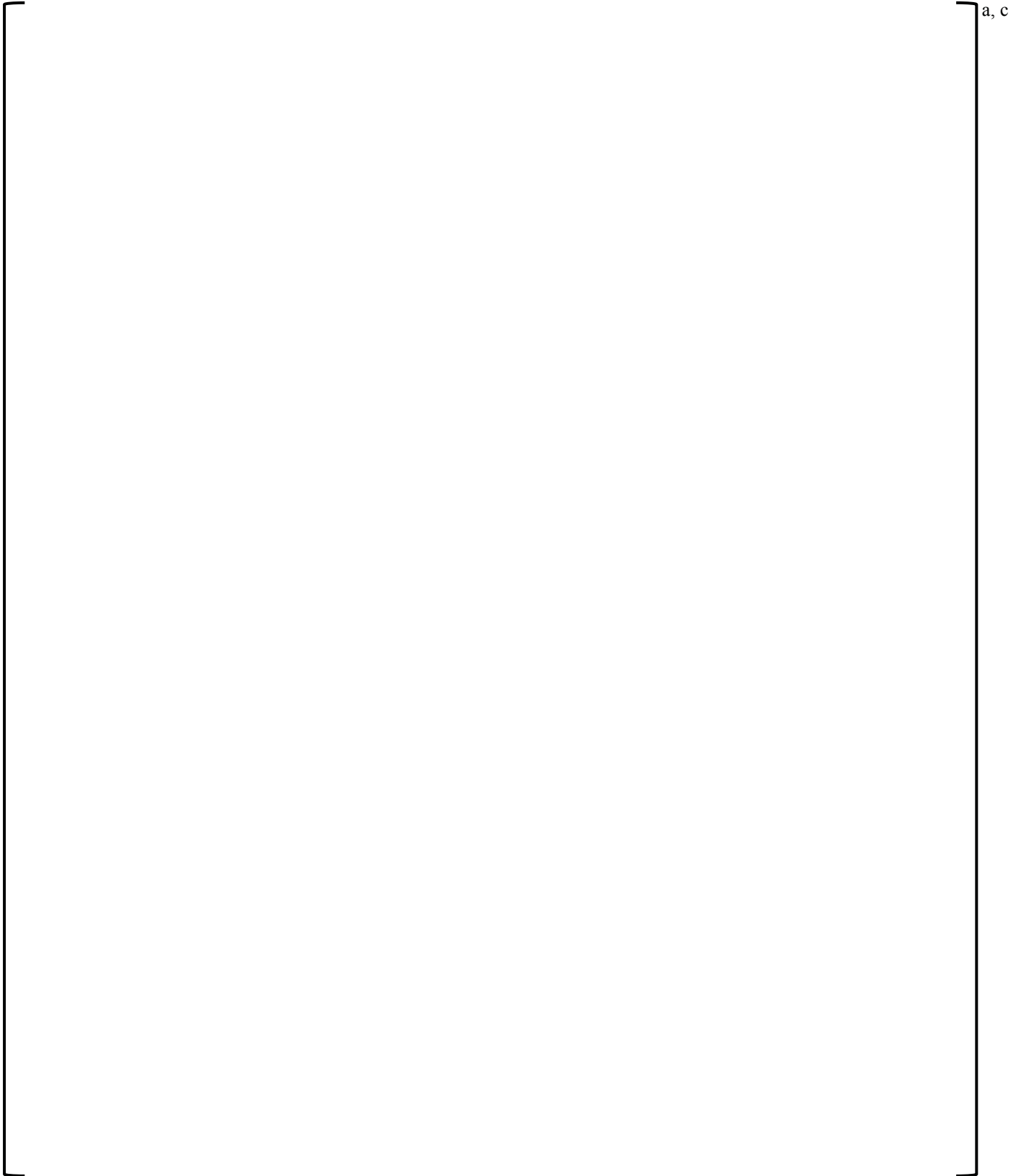
Malfunction of DDS	3-AOP-401	
	VOGTLE	Version D=0.3
	Unit 3	Page 10 of 40



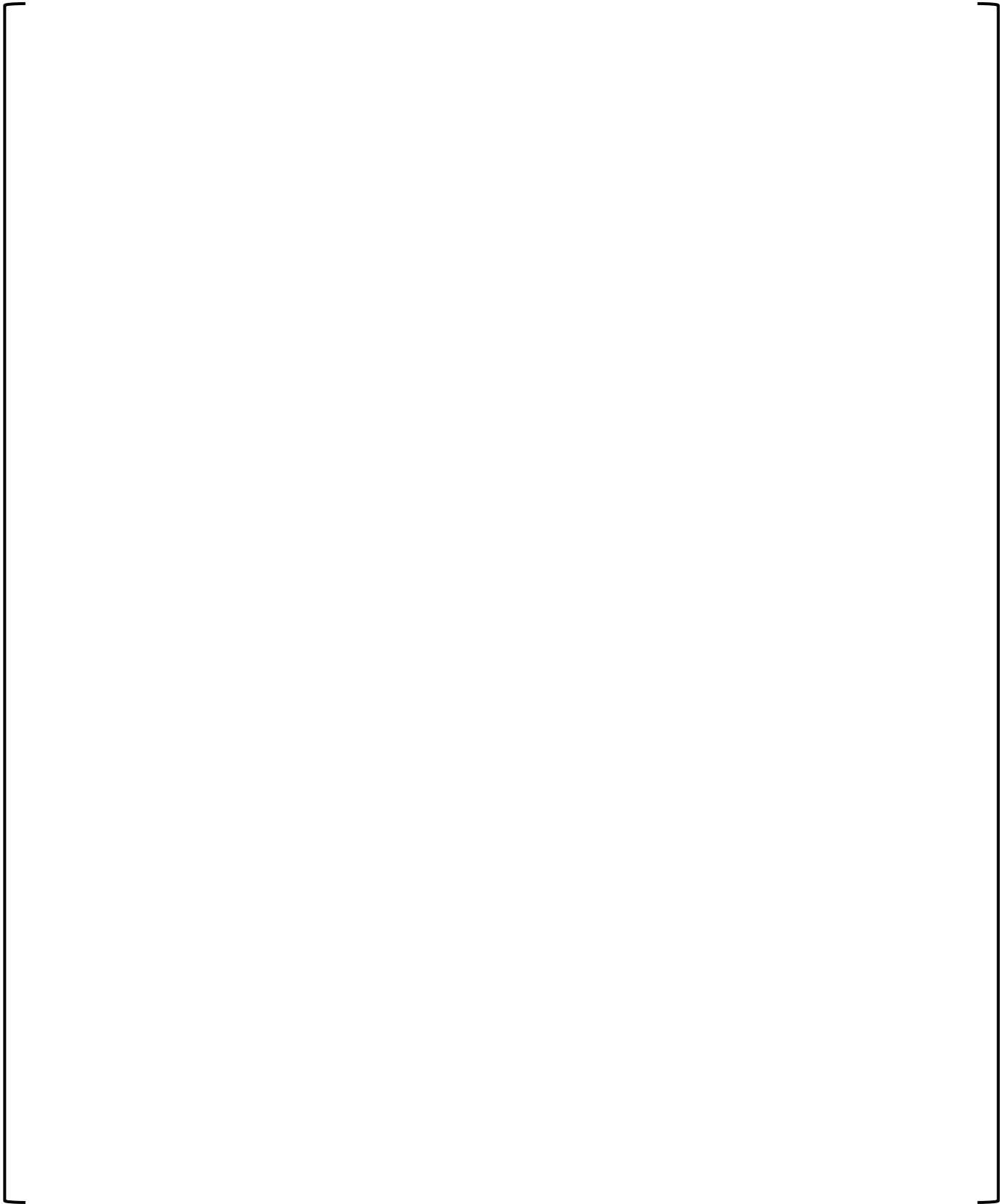
Malfunction of DDS	3-AOP-401	
	VOGTLE	Version D=0.3
	Unit 3	Page 11 of 40



Malfunction of DDS	3-AOP-401	
	VOGTLE	Version D=0.3
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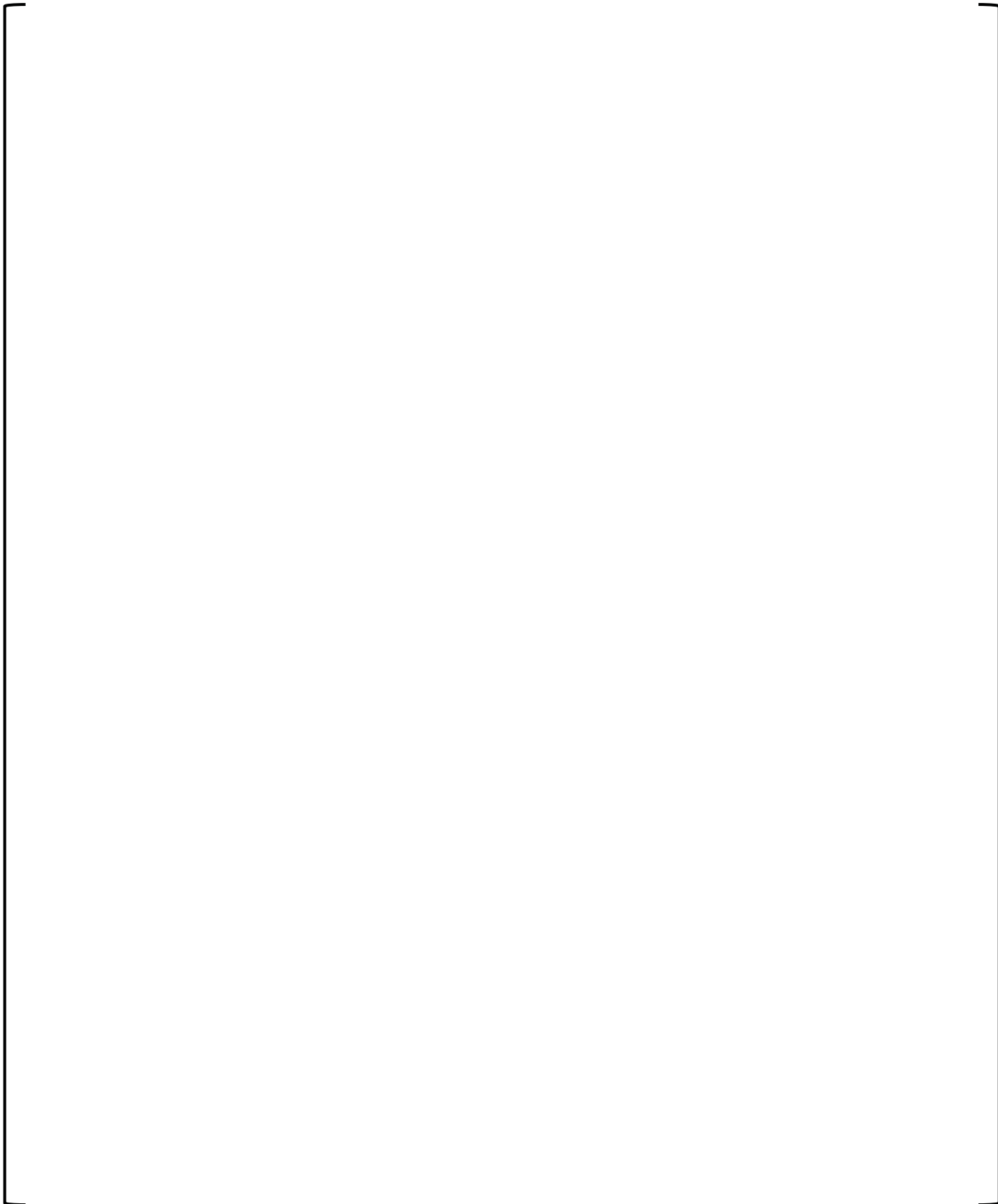


Malfunction of DDS	3-AOP-401	
	VOGTLE	Version D=0.3
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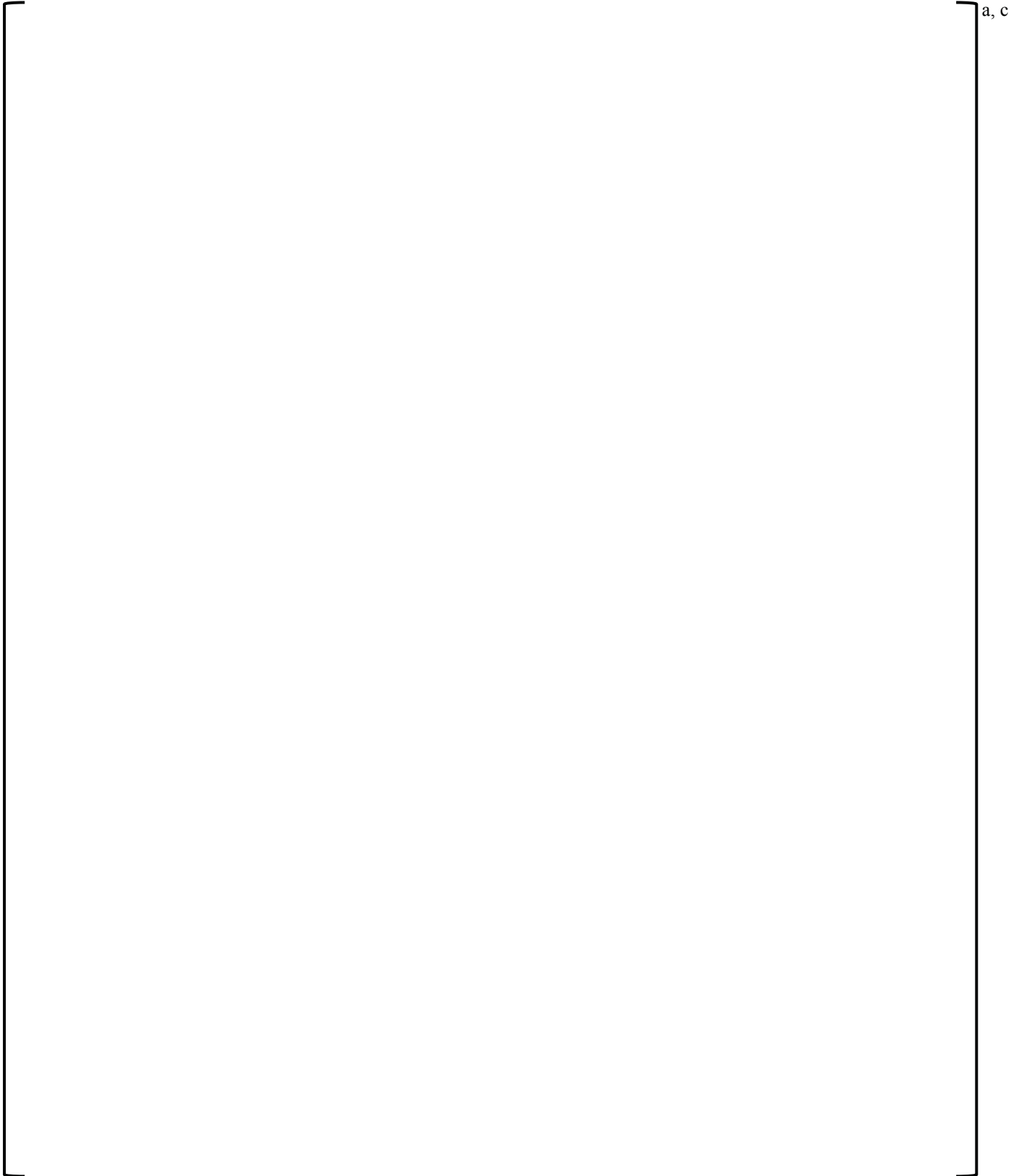
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Malfunction of DDS	3-AOP-401	
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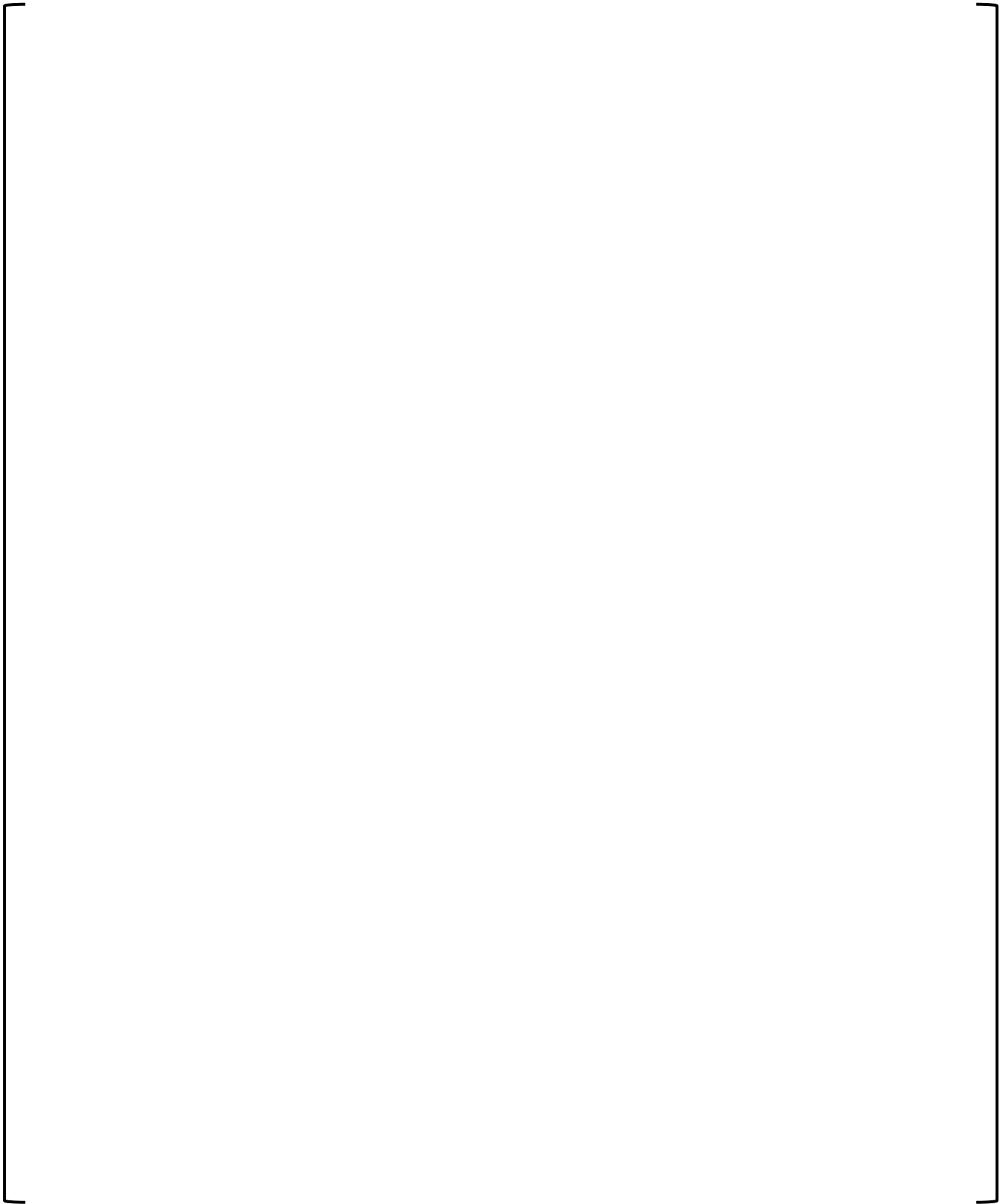


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Malfunction of DDS	3-AOP-401	
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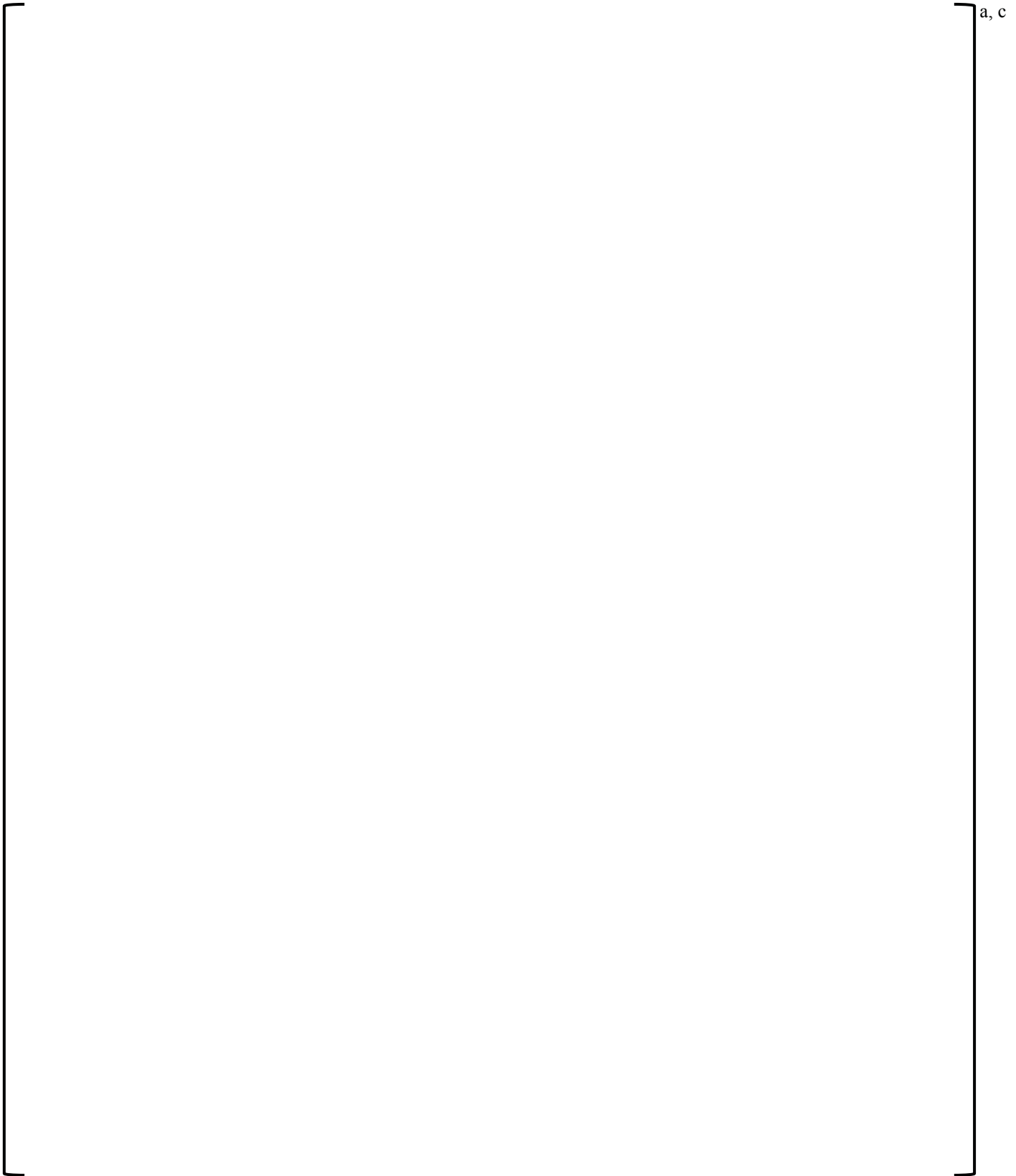


Malfunction of DDS	3-AOP-401	
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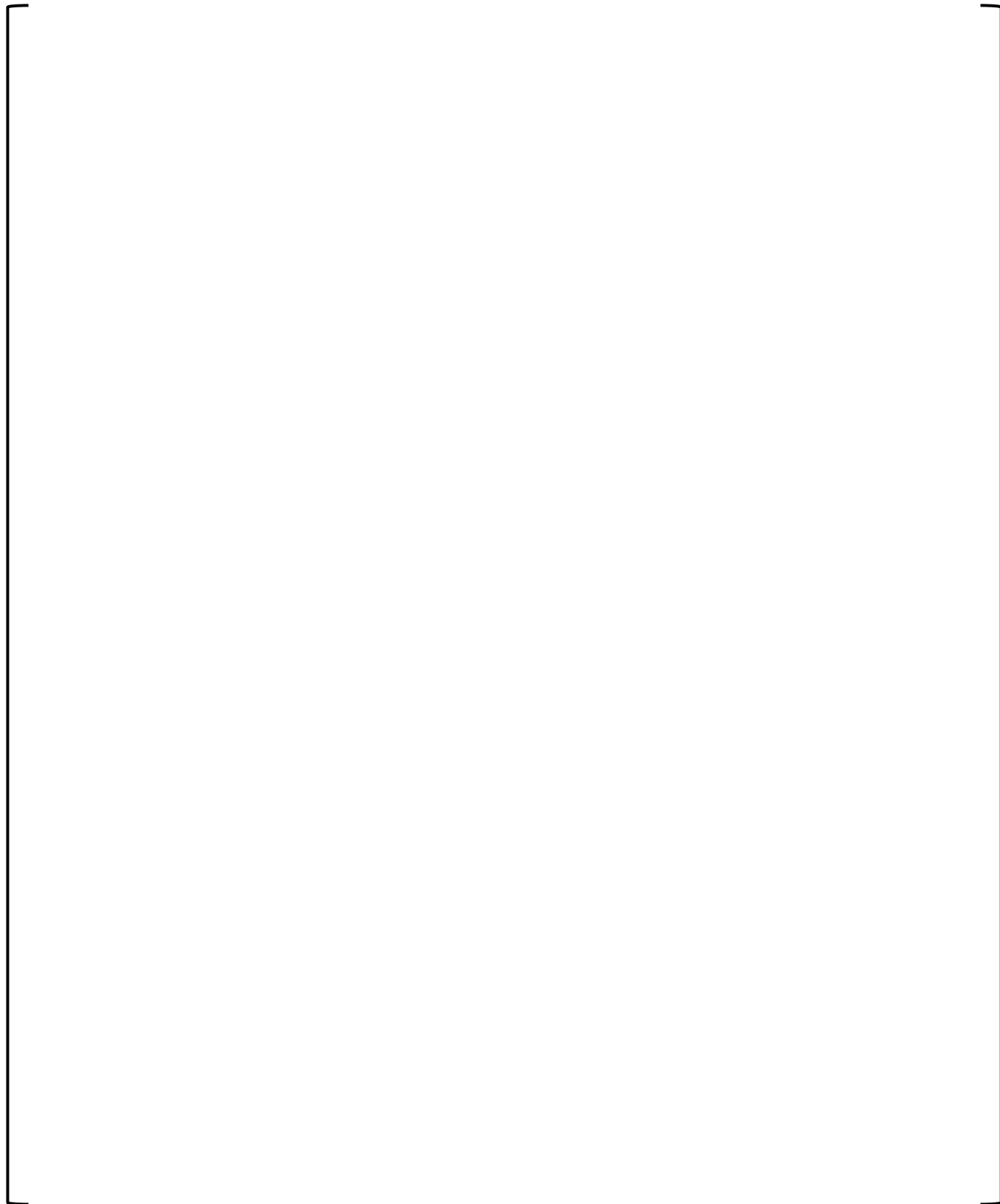


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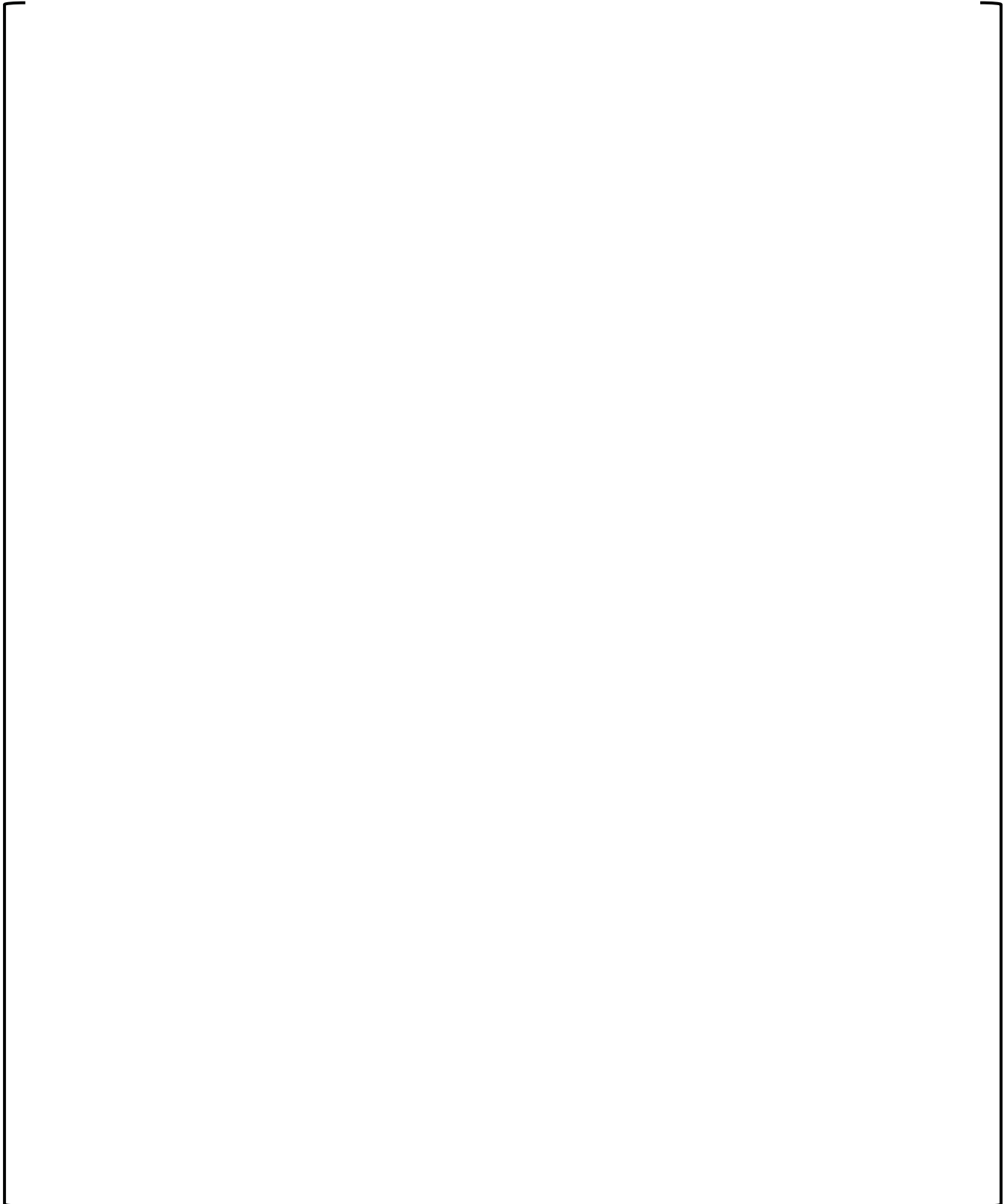


Malfunction of DDS	3-AOP-401	
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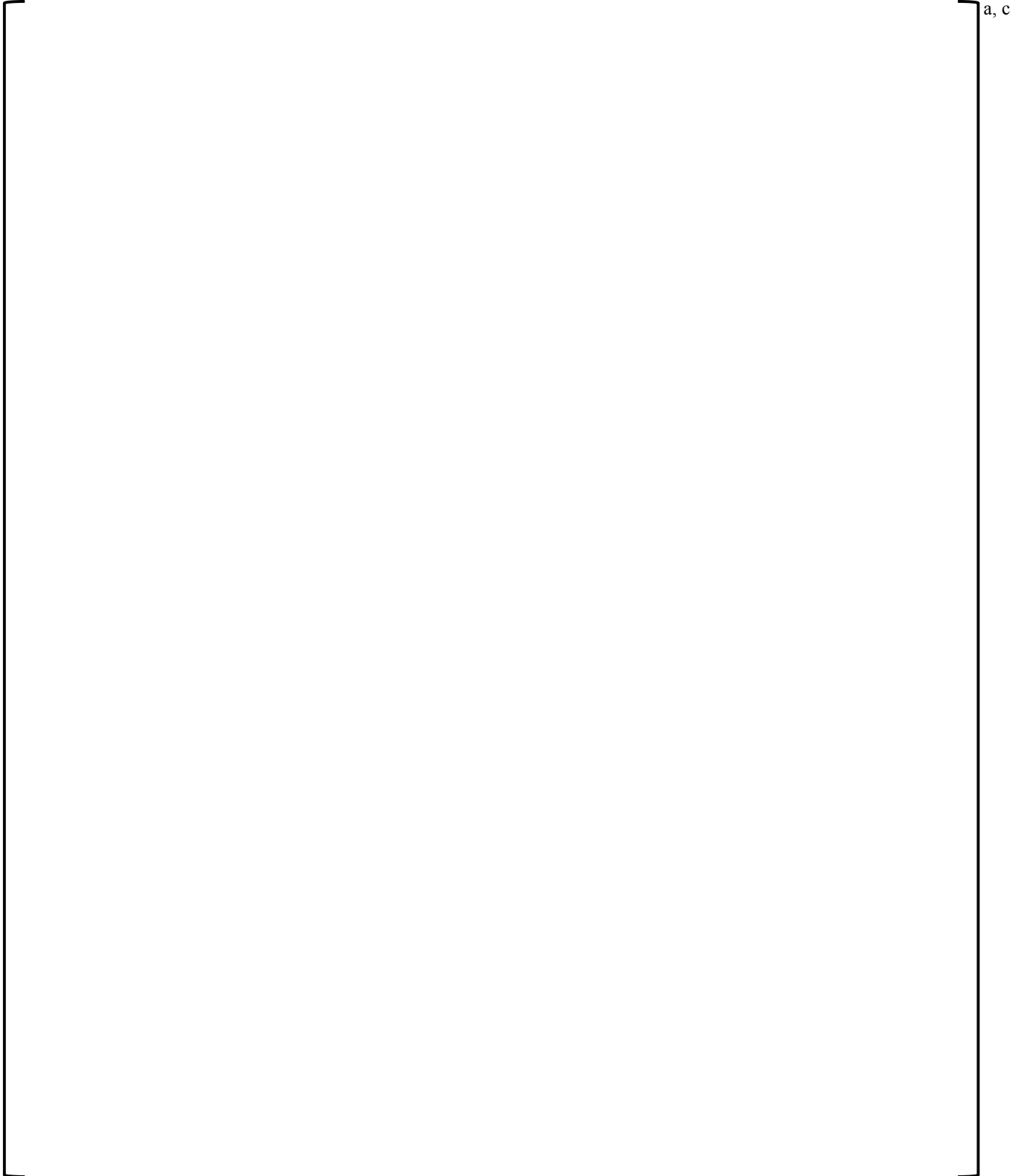


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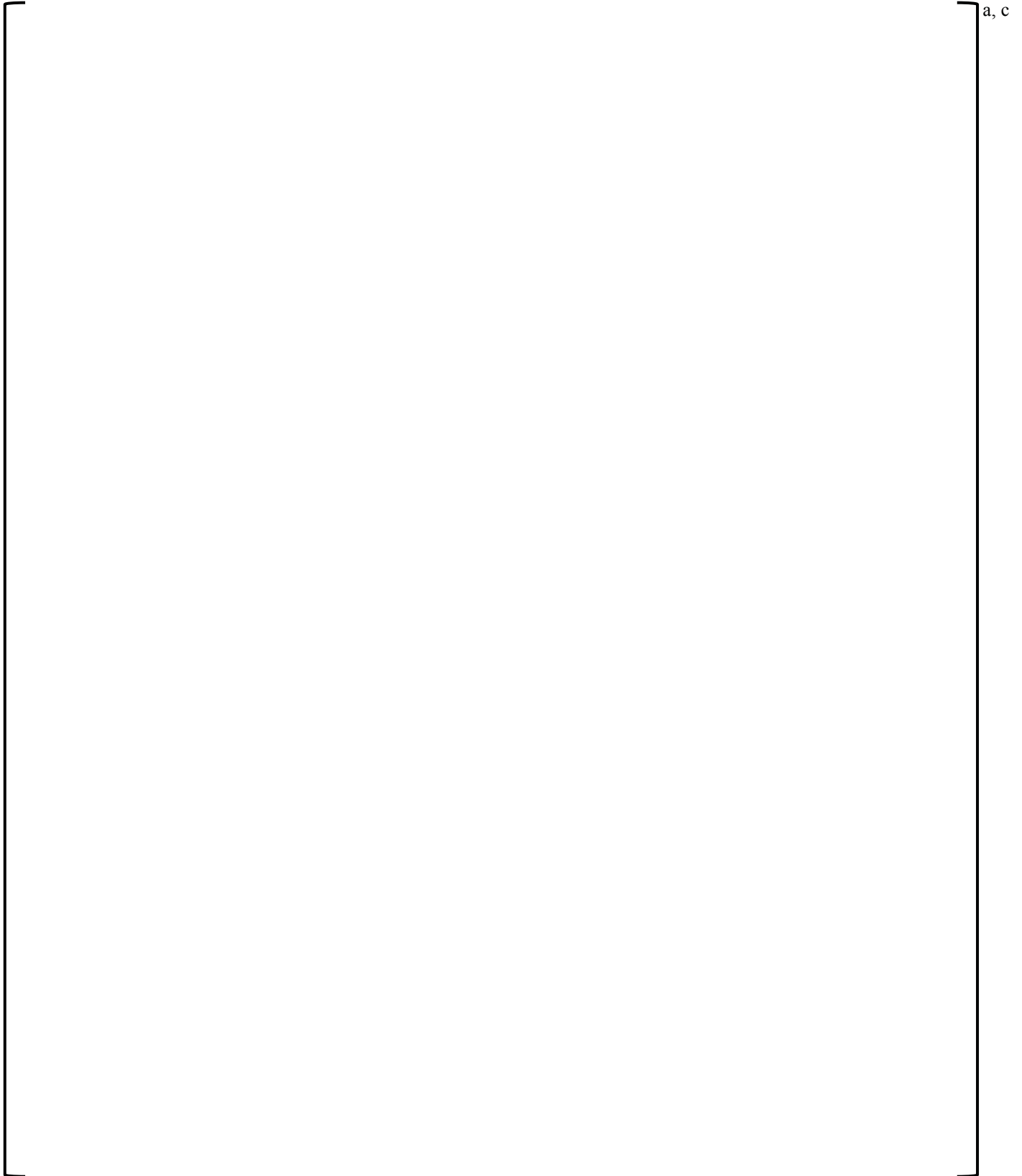
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	Unit 3	Page 19 of 40



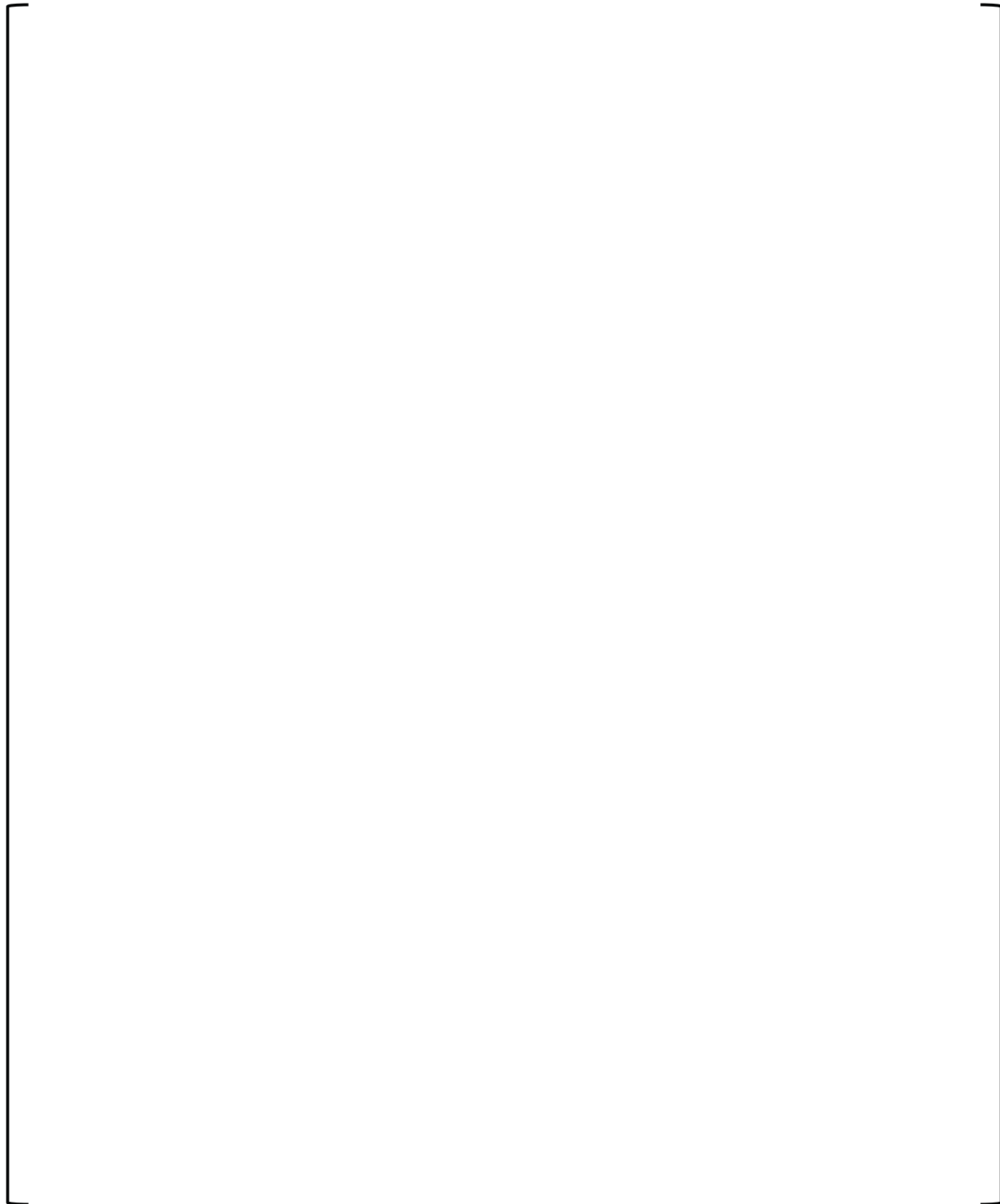
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Malfunction of DDS	3-AOP-401	
	VOGTLE	Version D=0.3
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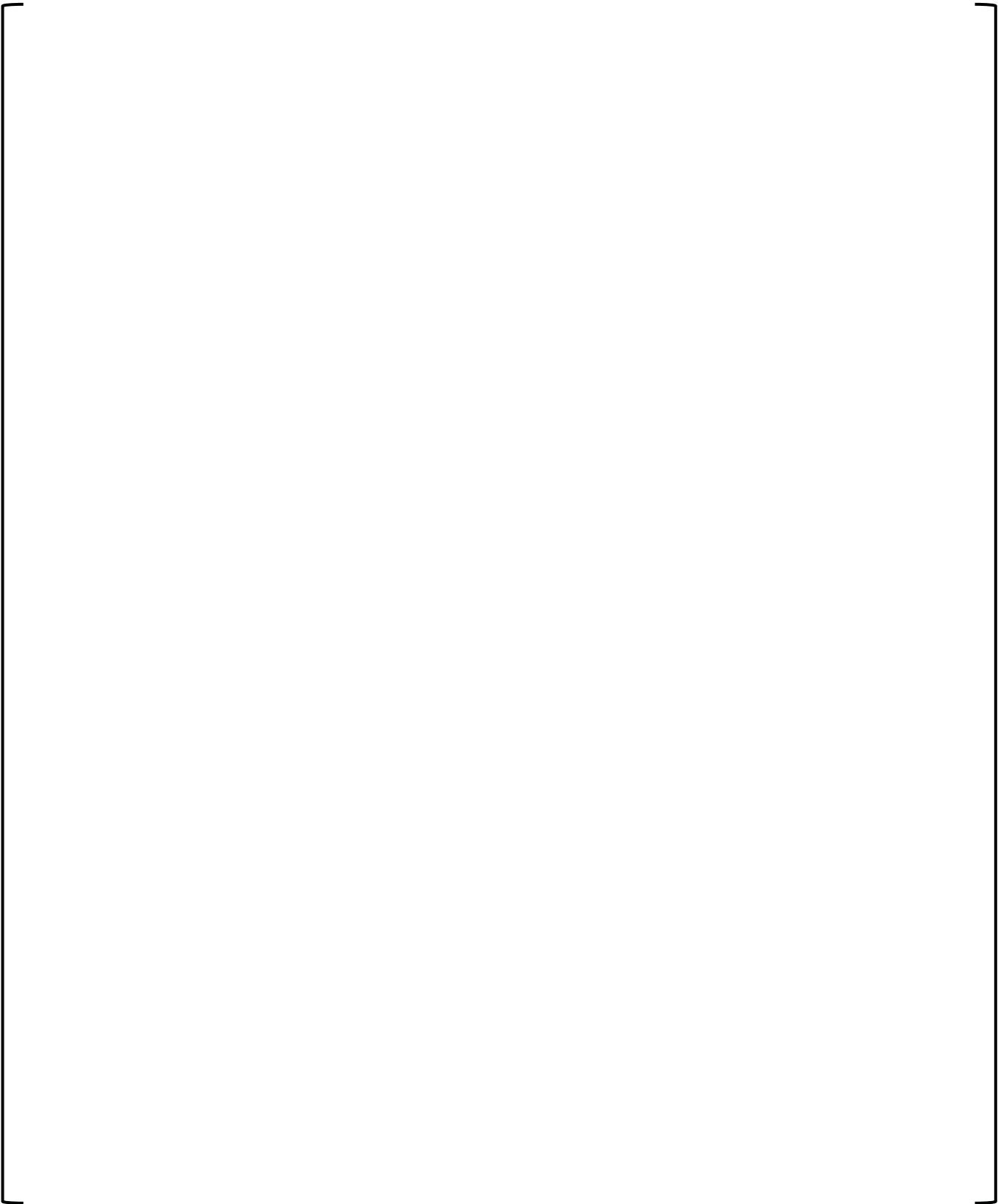


Malfunction of DDS	3-AOP-401	
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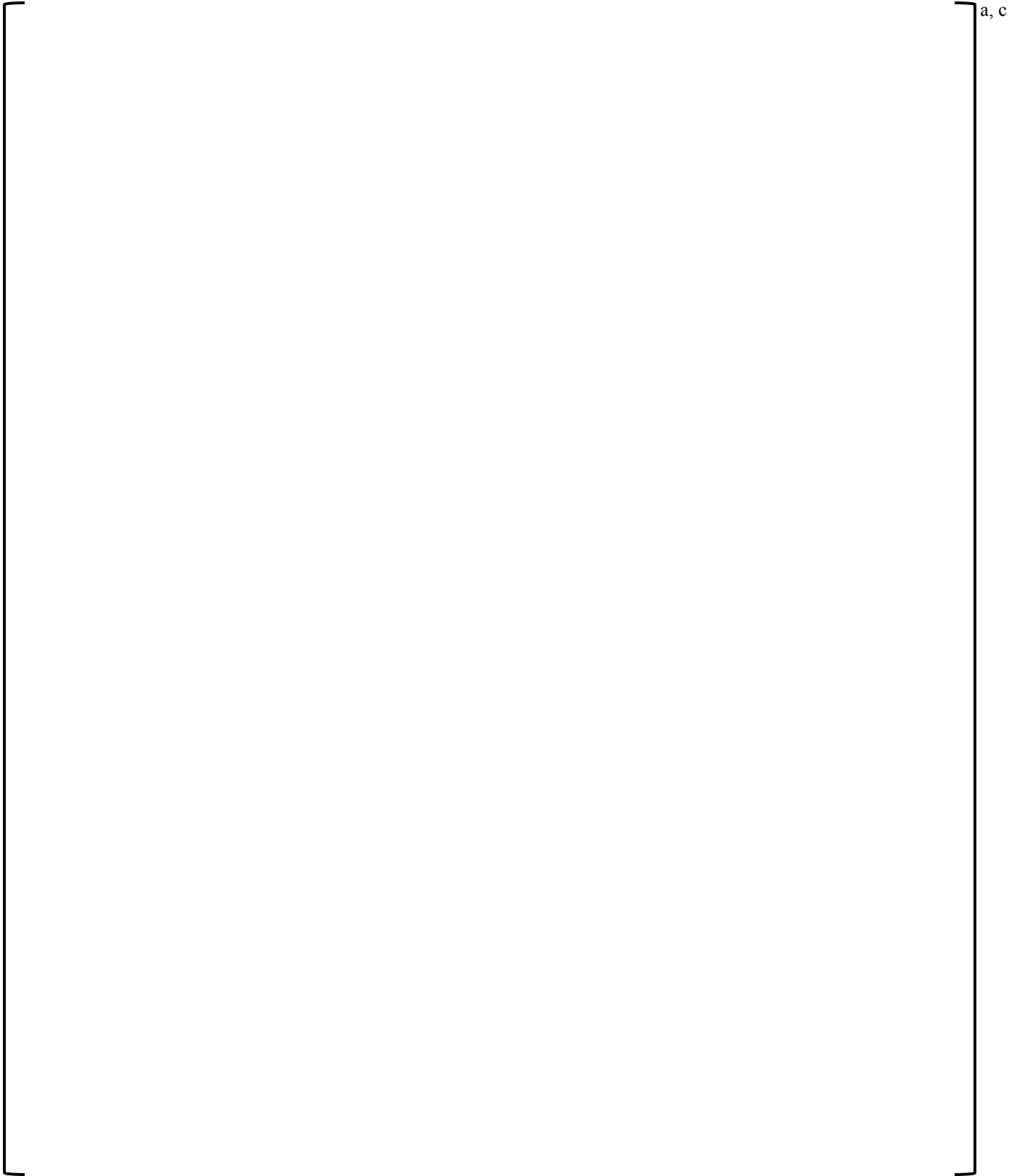


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	VOGTLE	Version D=0.3
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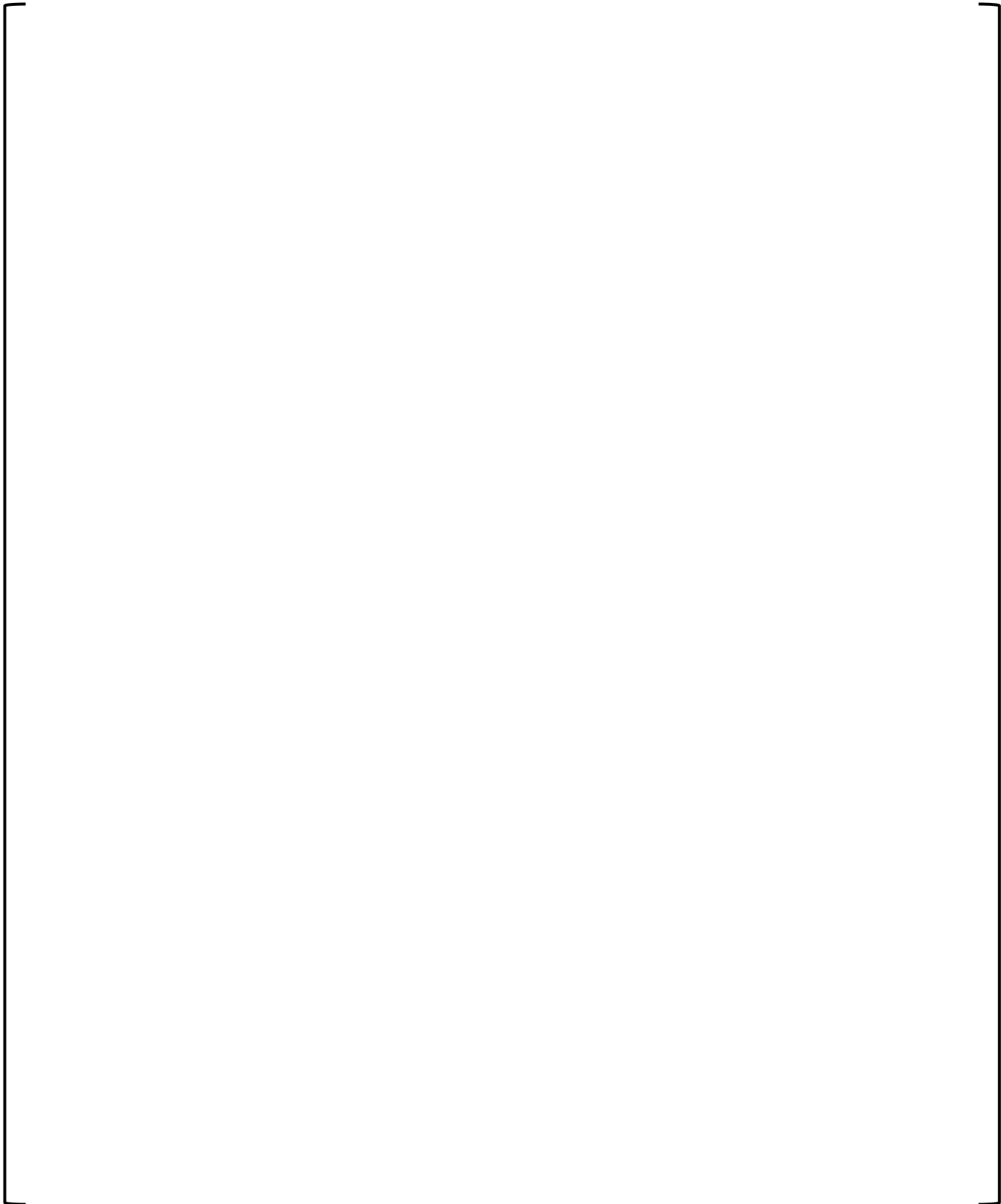


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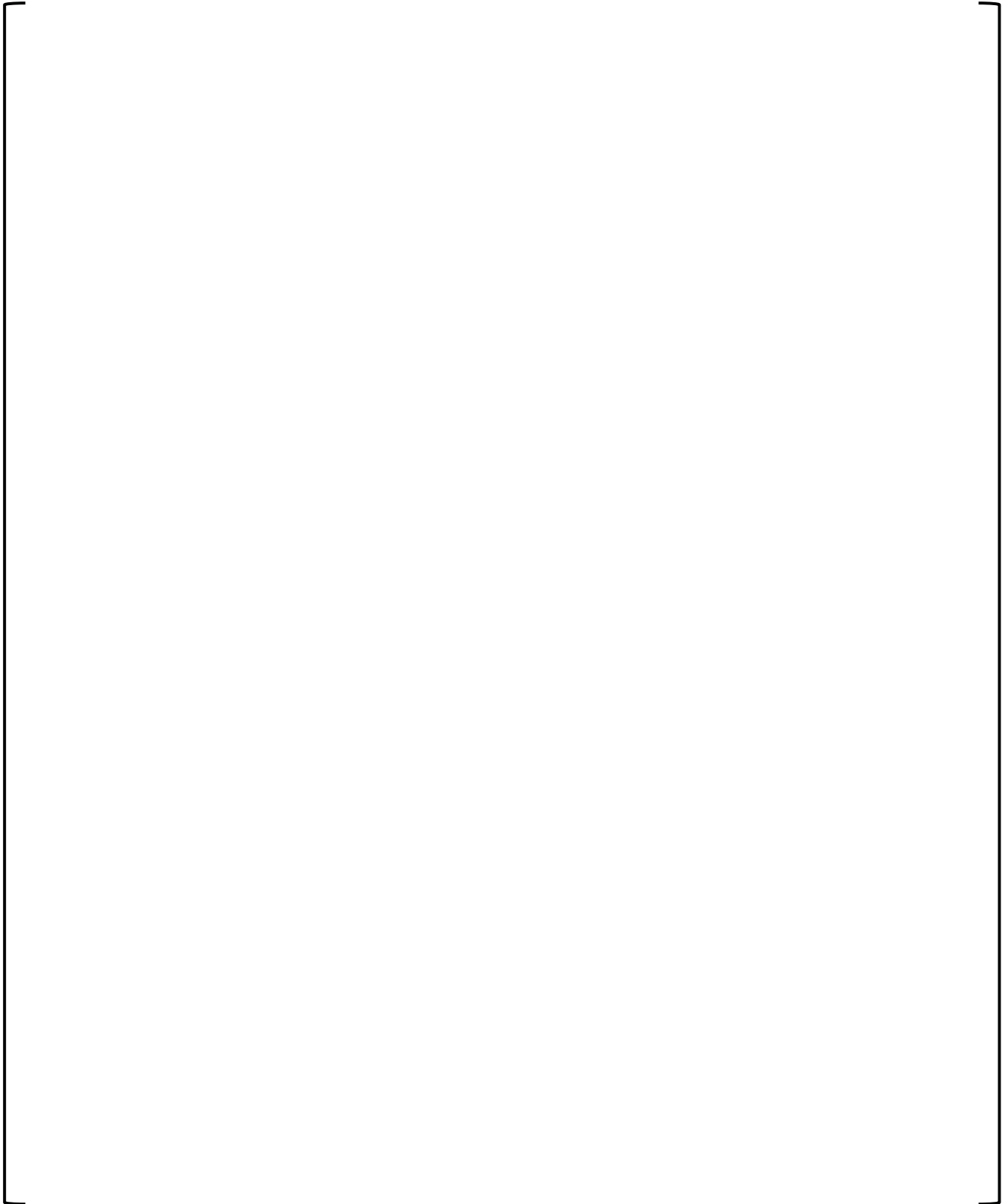
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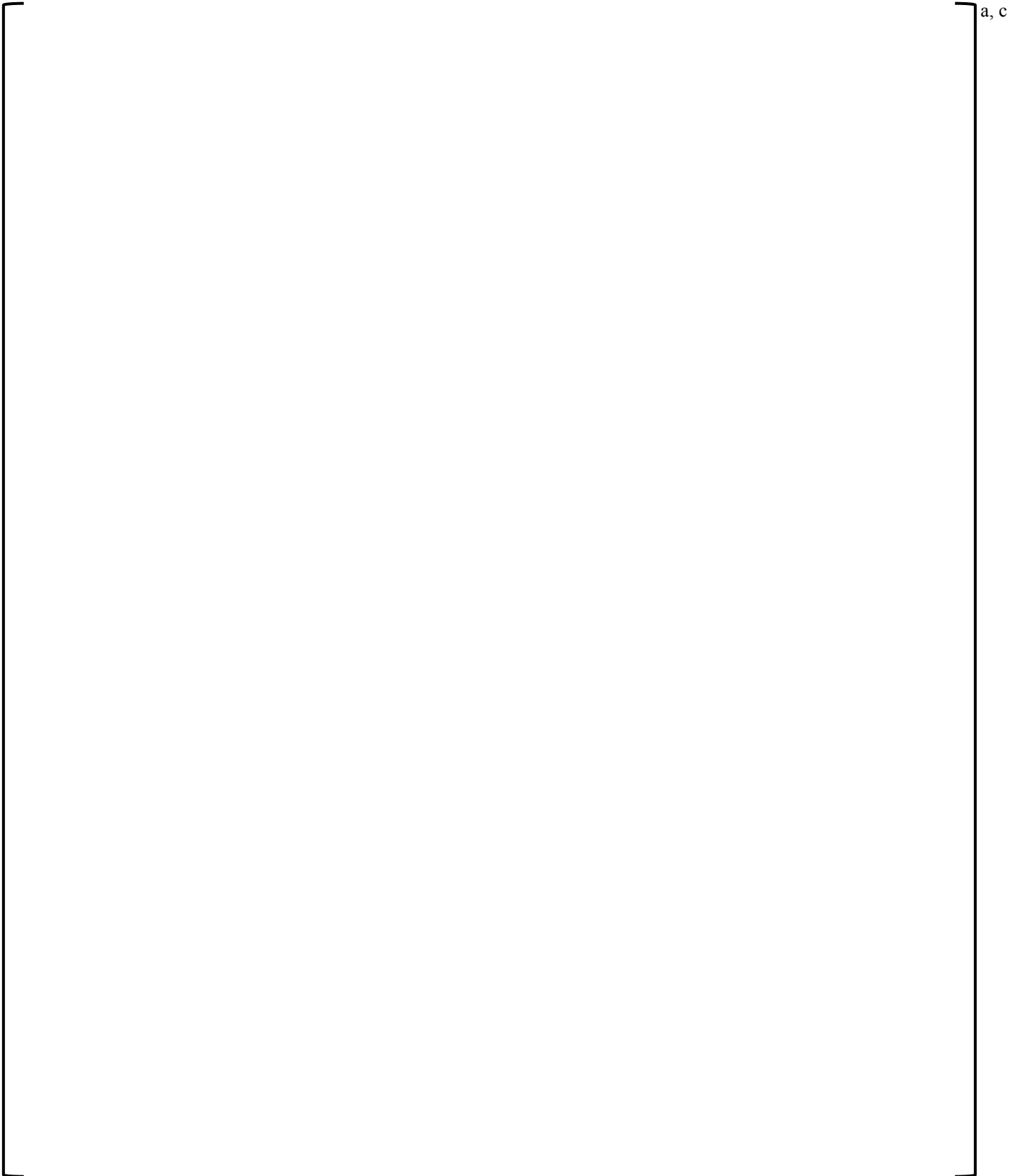
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	VOGTLE	Version D=0.3
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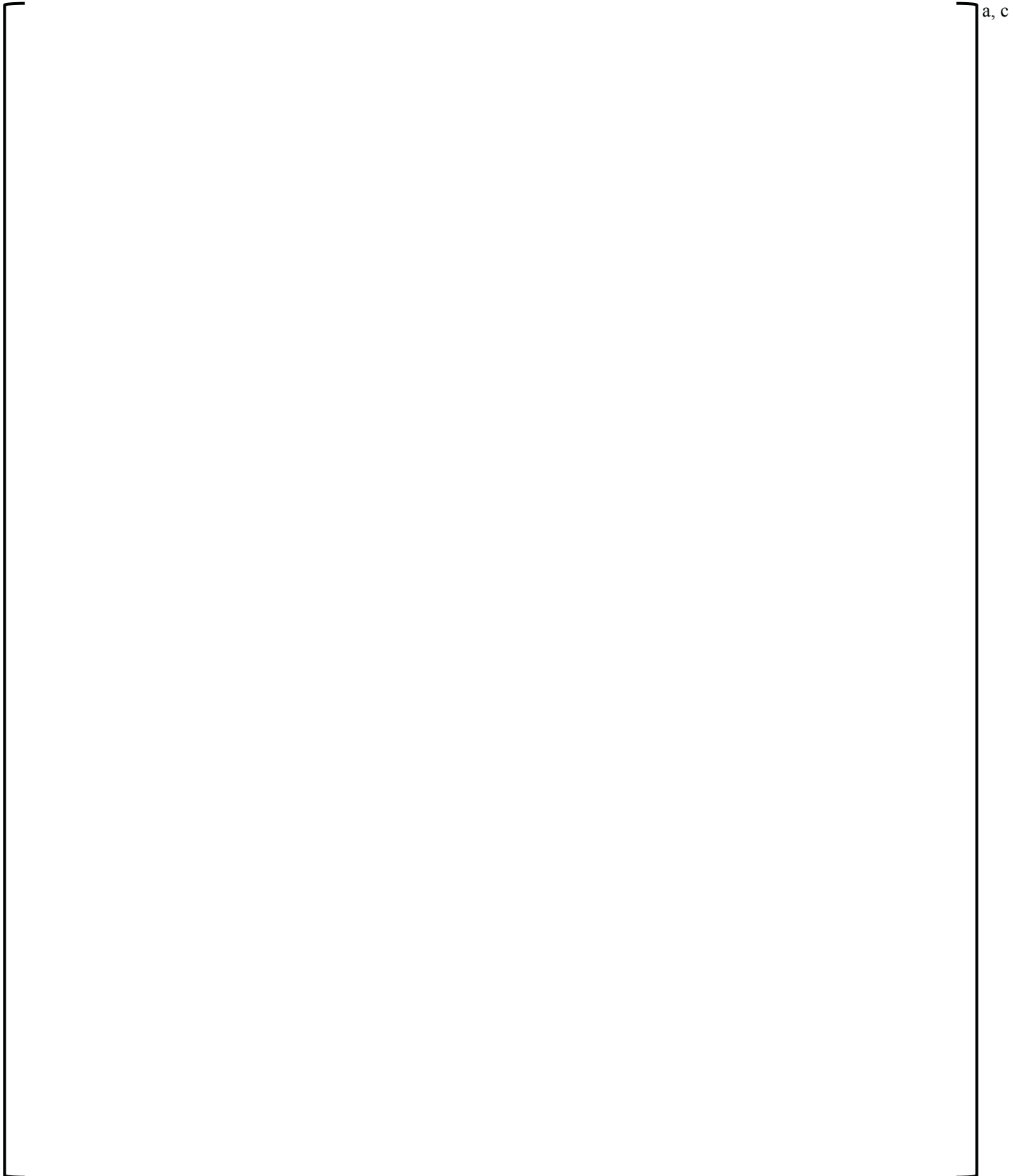
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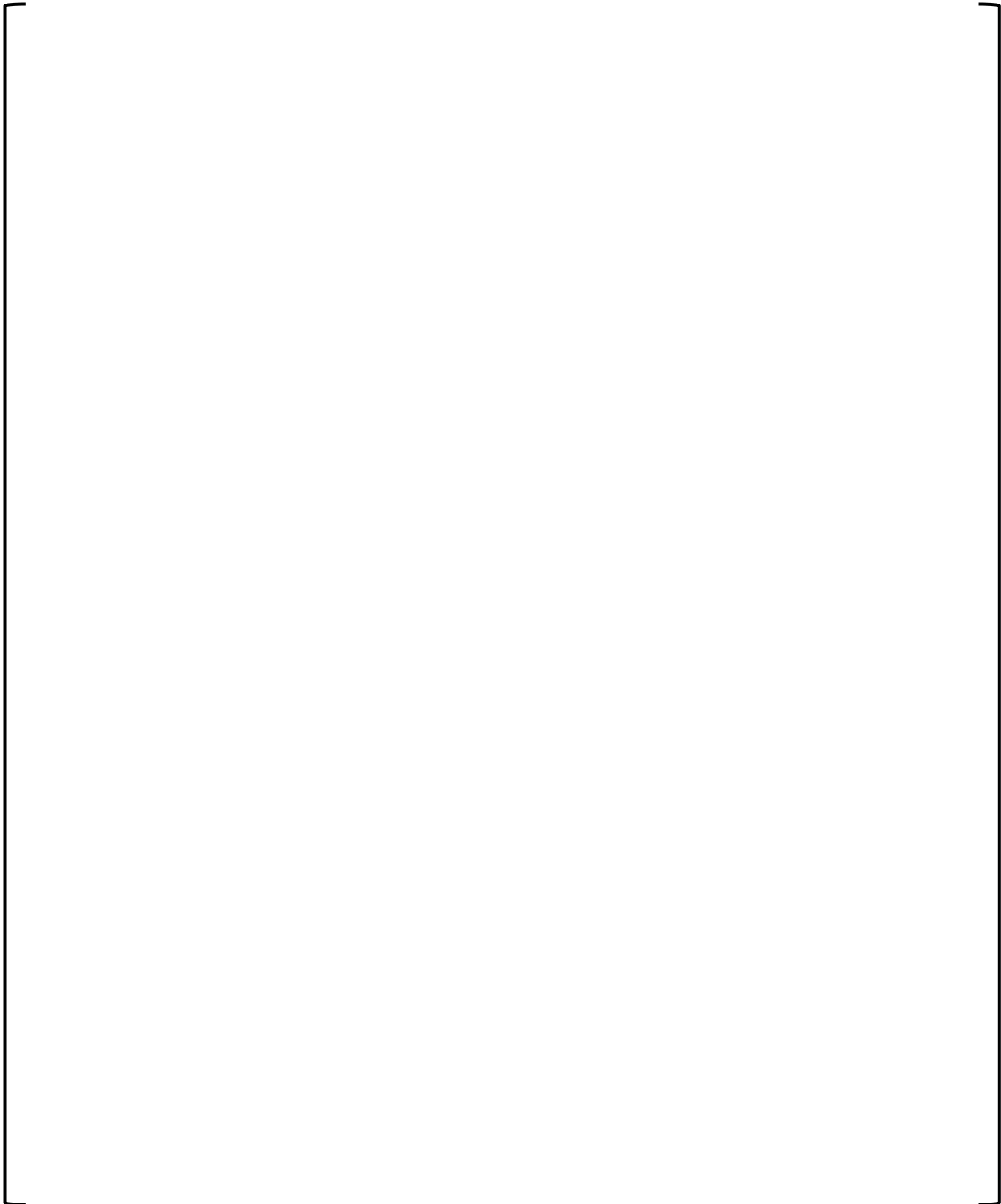


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	VOGTLE	Version D=0.3
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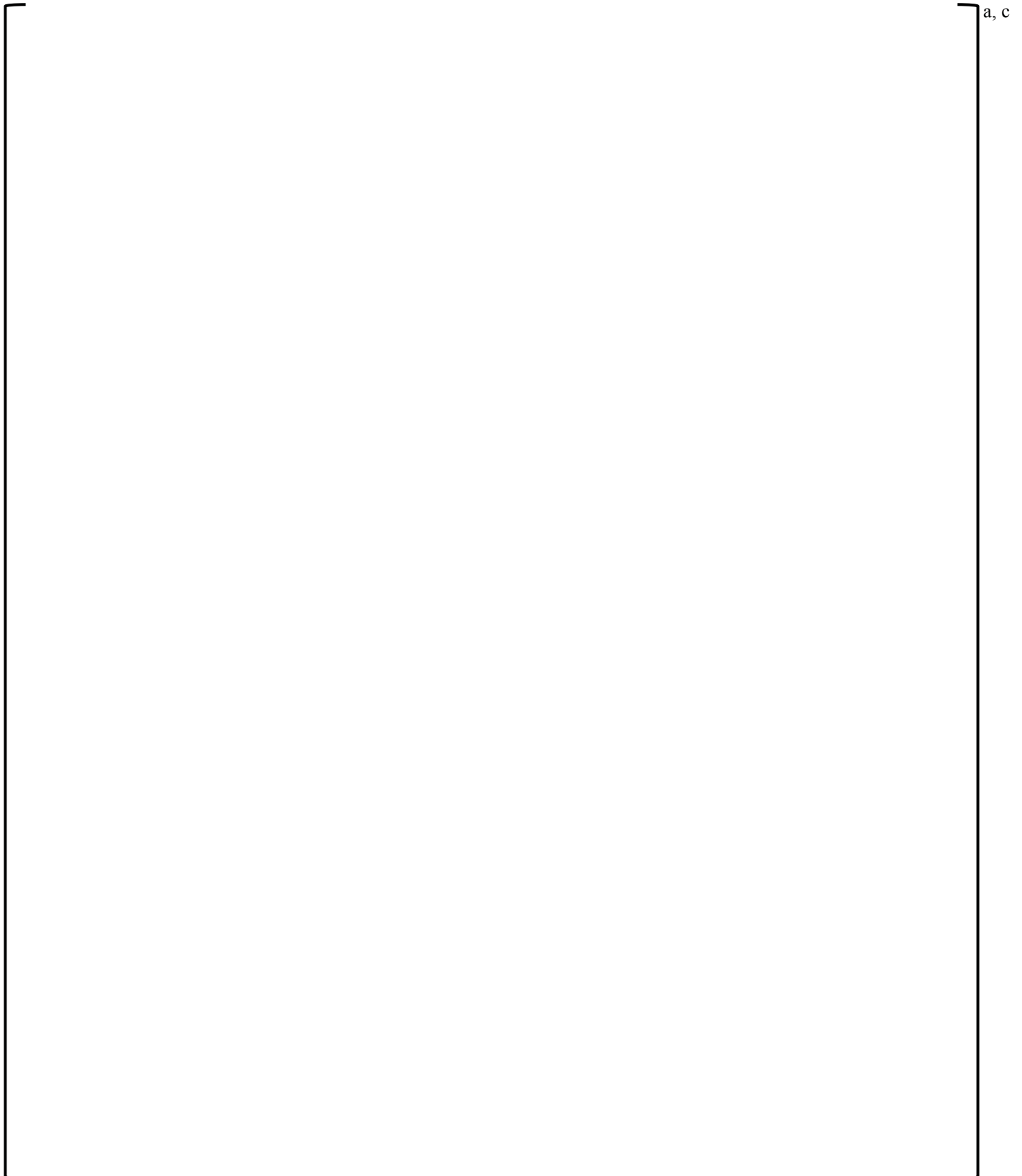


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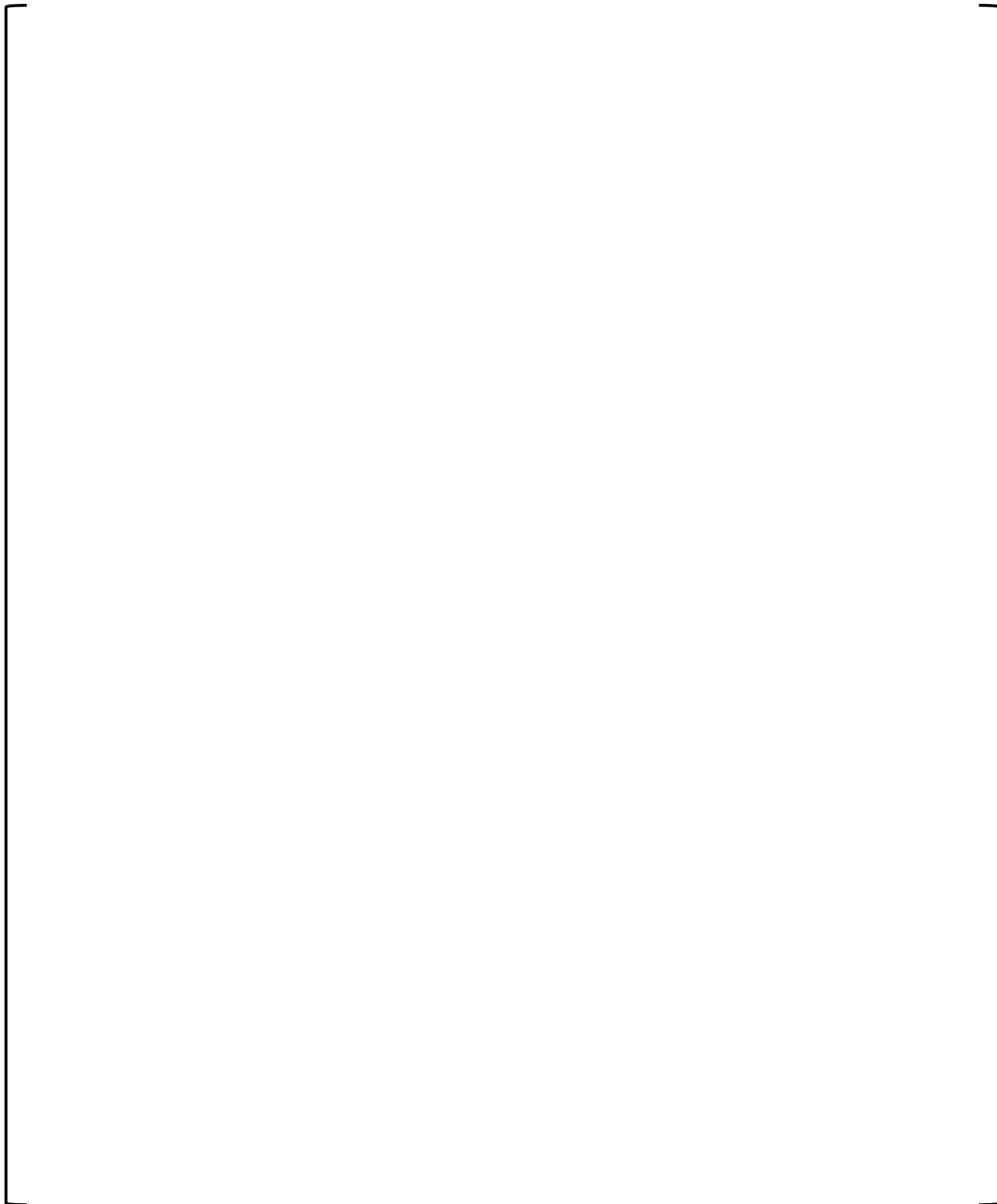


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Malfunction of DDS	3-AOP-401	
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Malfunction of DDS	3-AOP-401	
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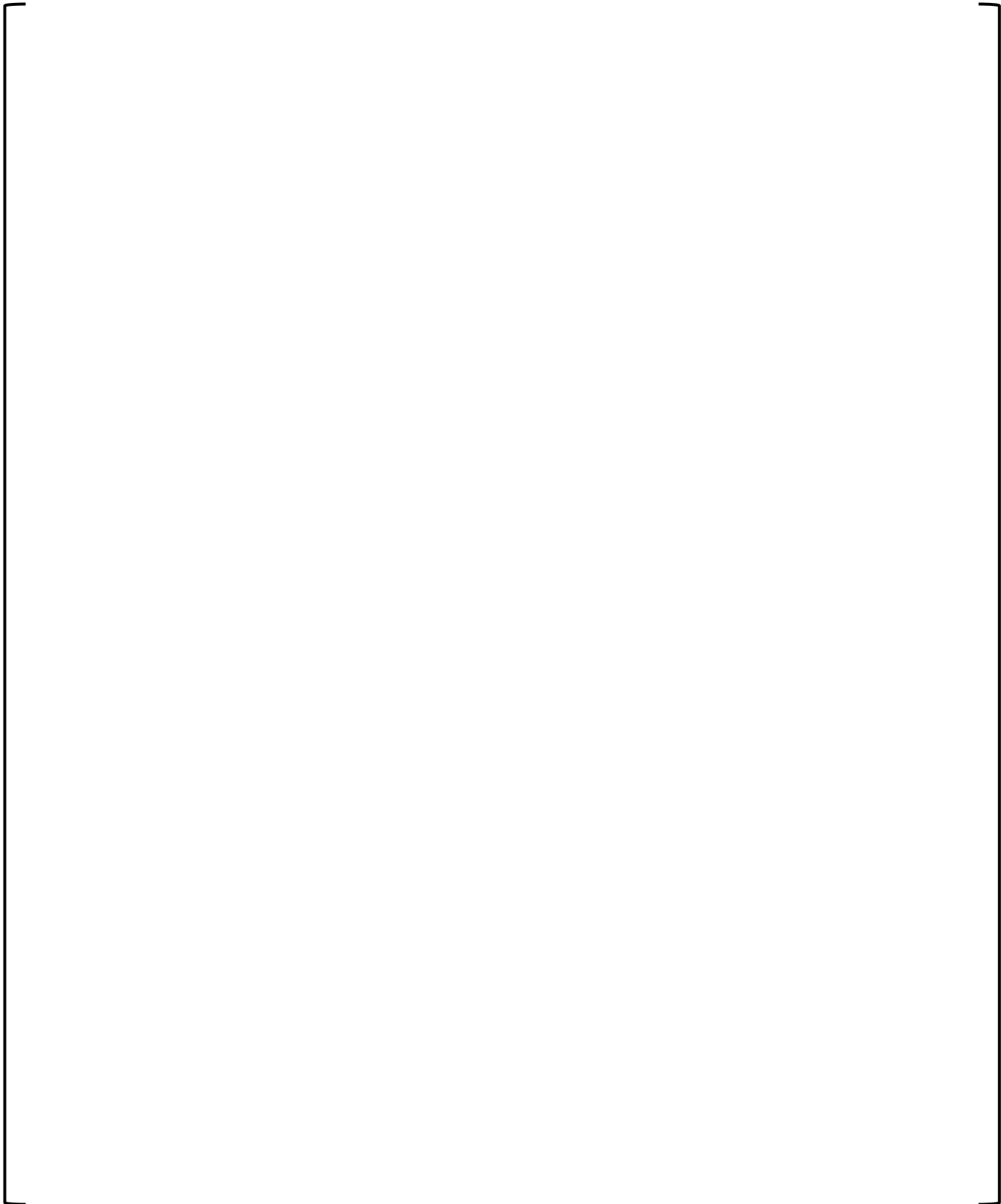


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	VOGTLE	Version D=0.3
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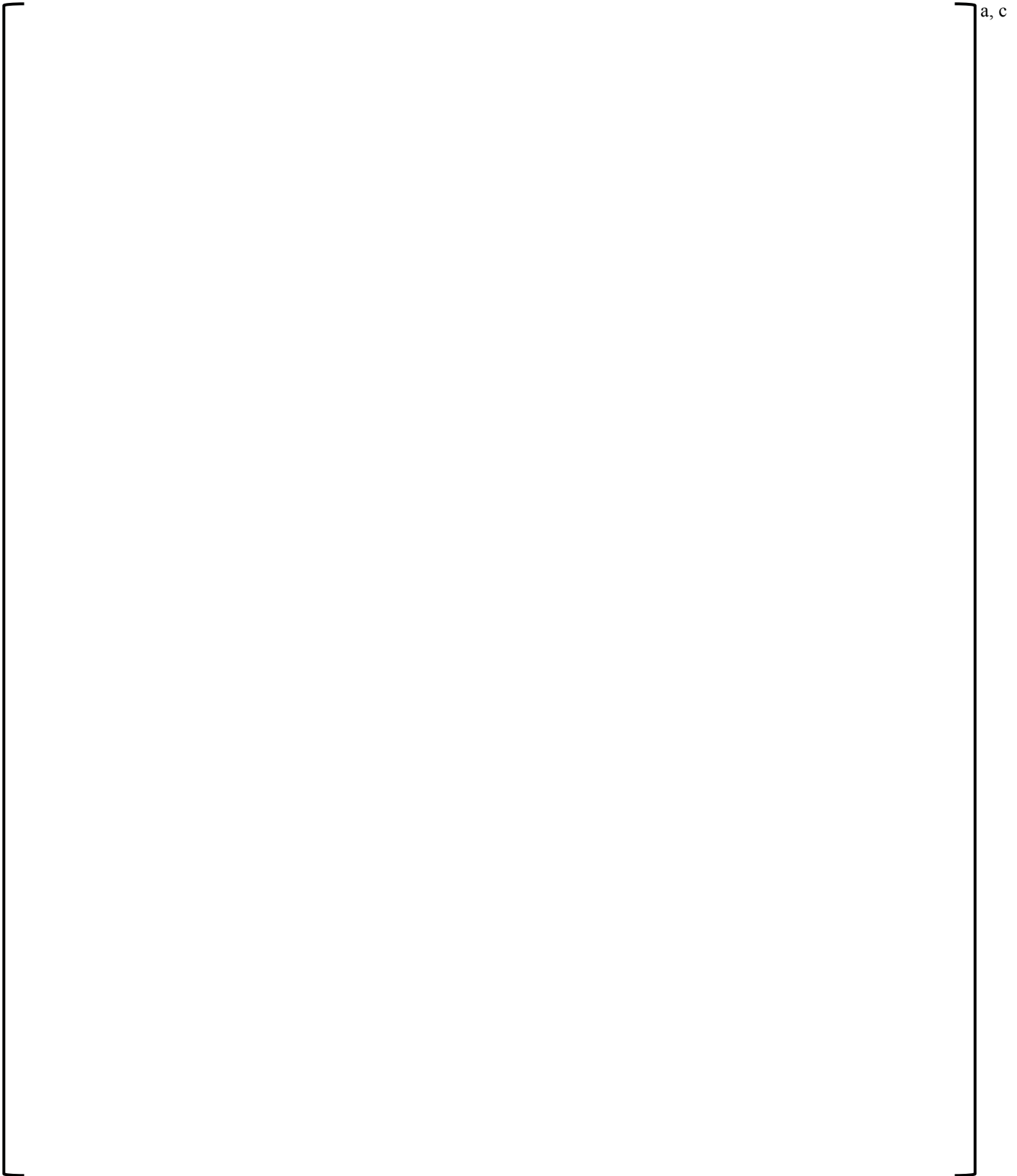
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Malfunction of DDS	3-AOP-401	
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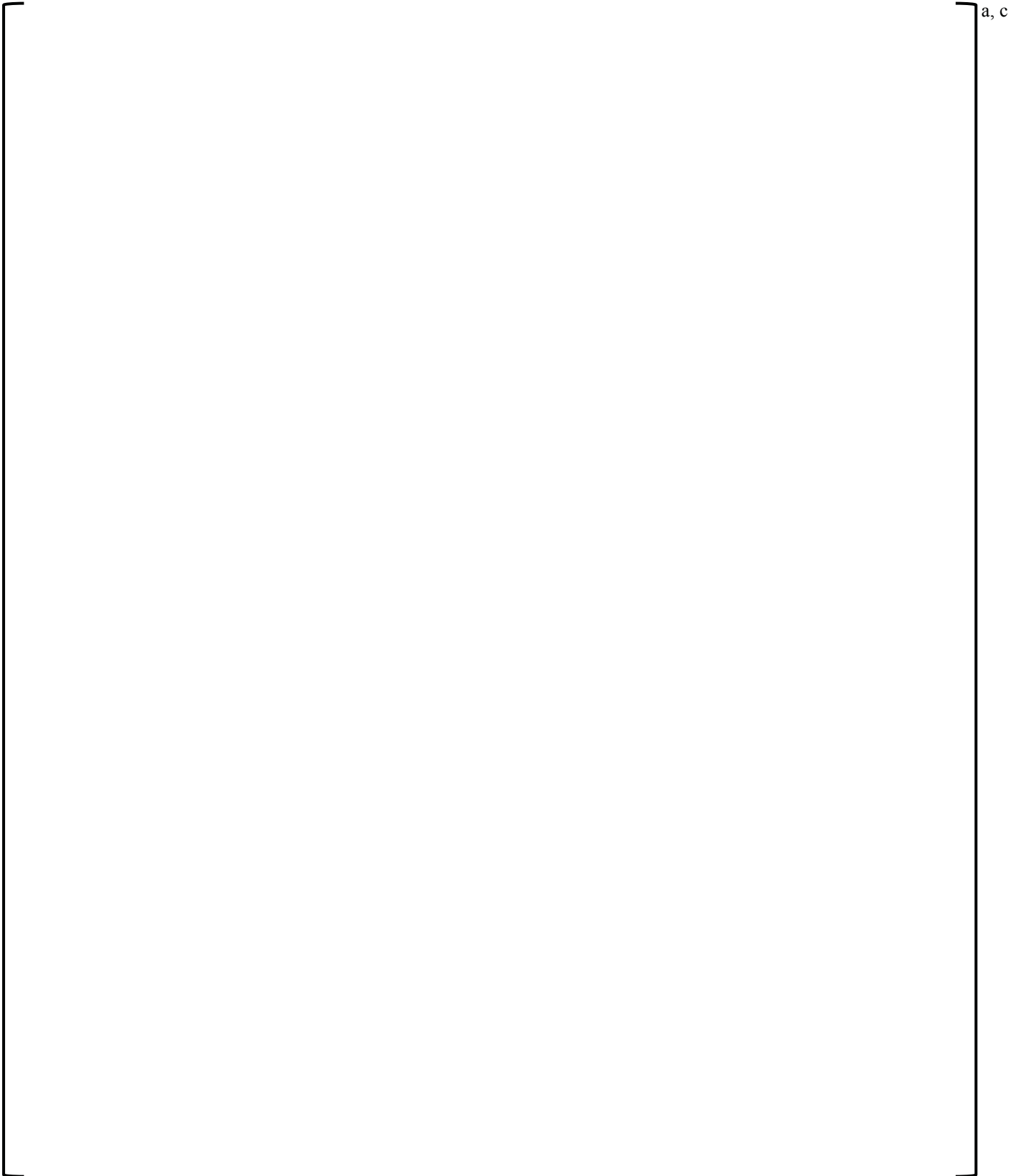


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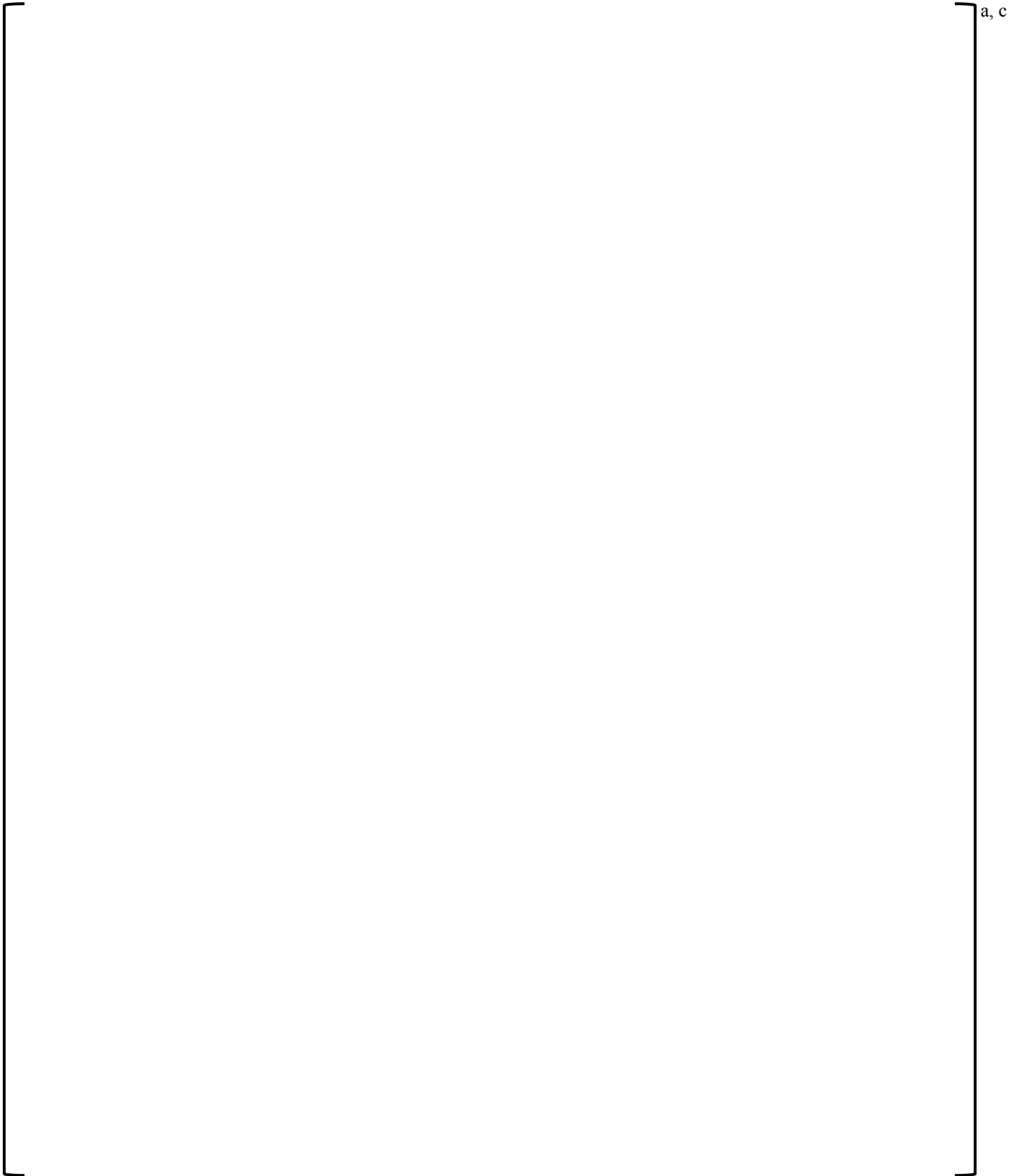
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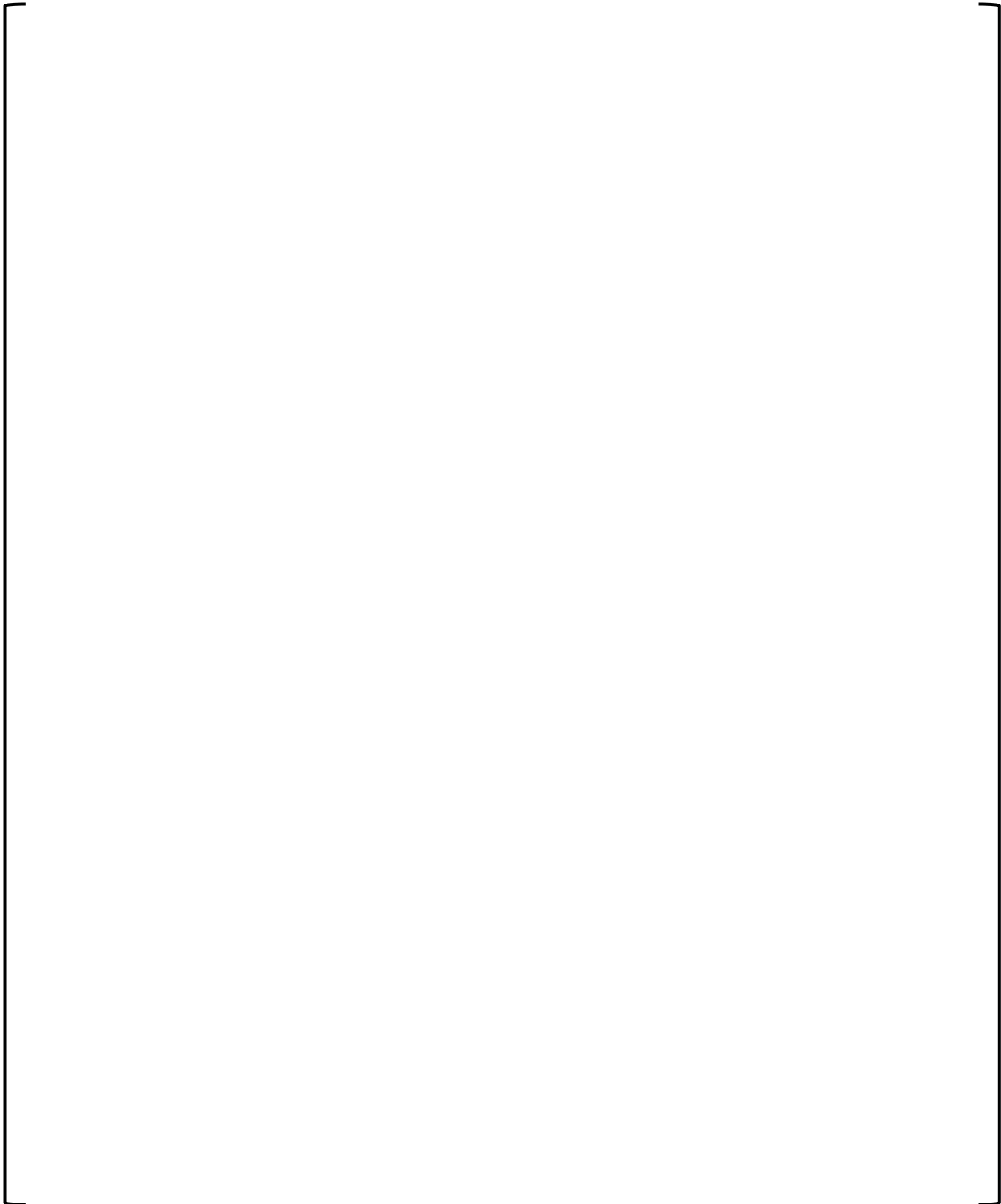
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	VOGTLE	Version D=0.3
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	Unit 3	Page 36 of 40

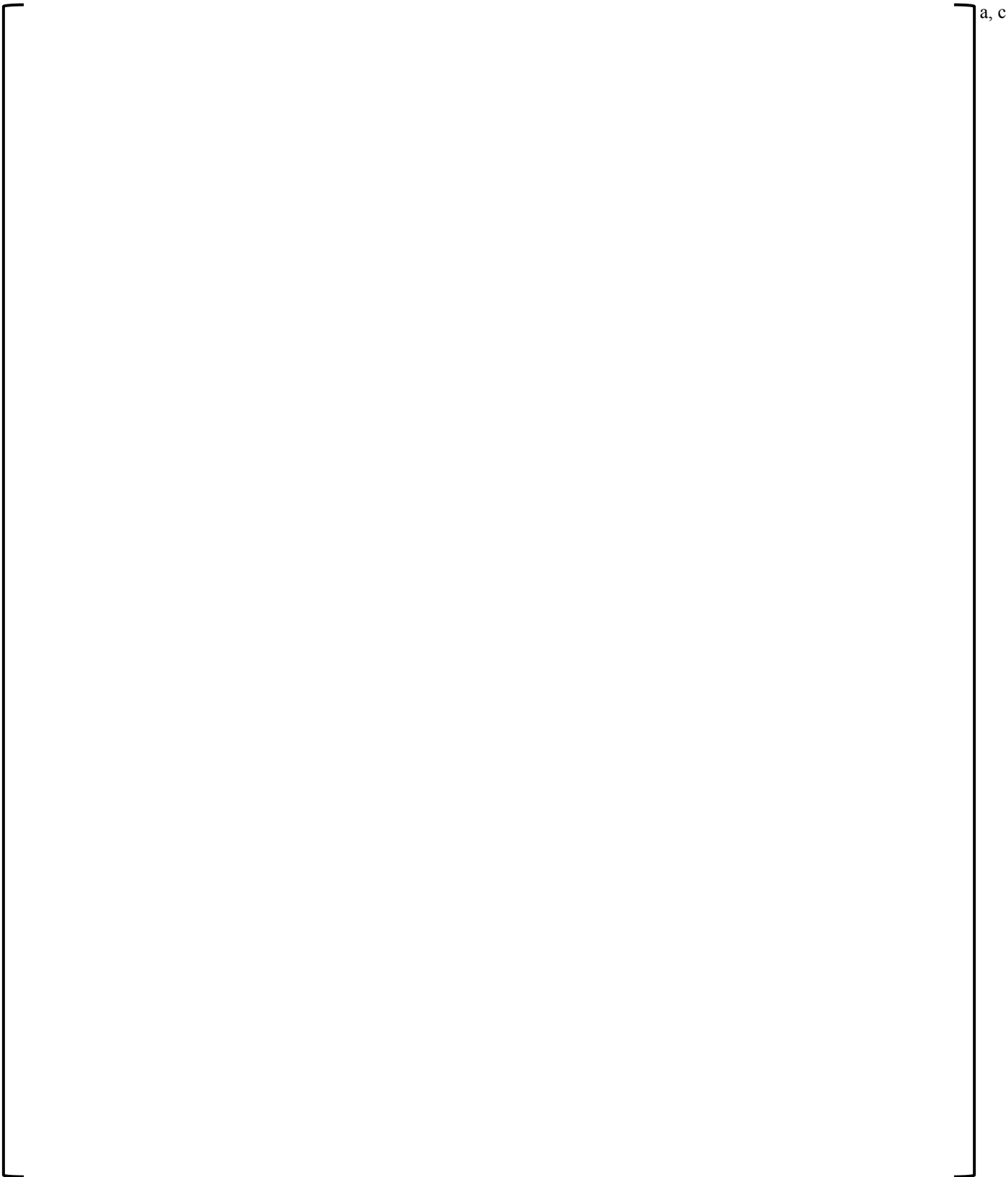


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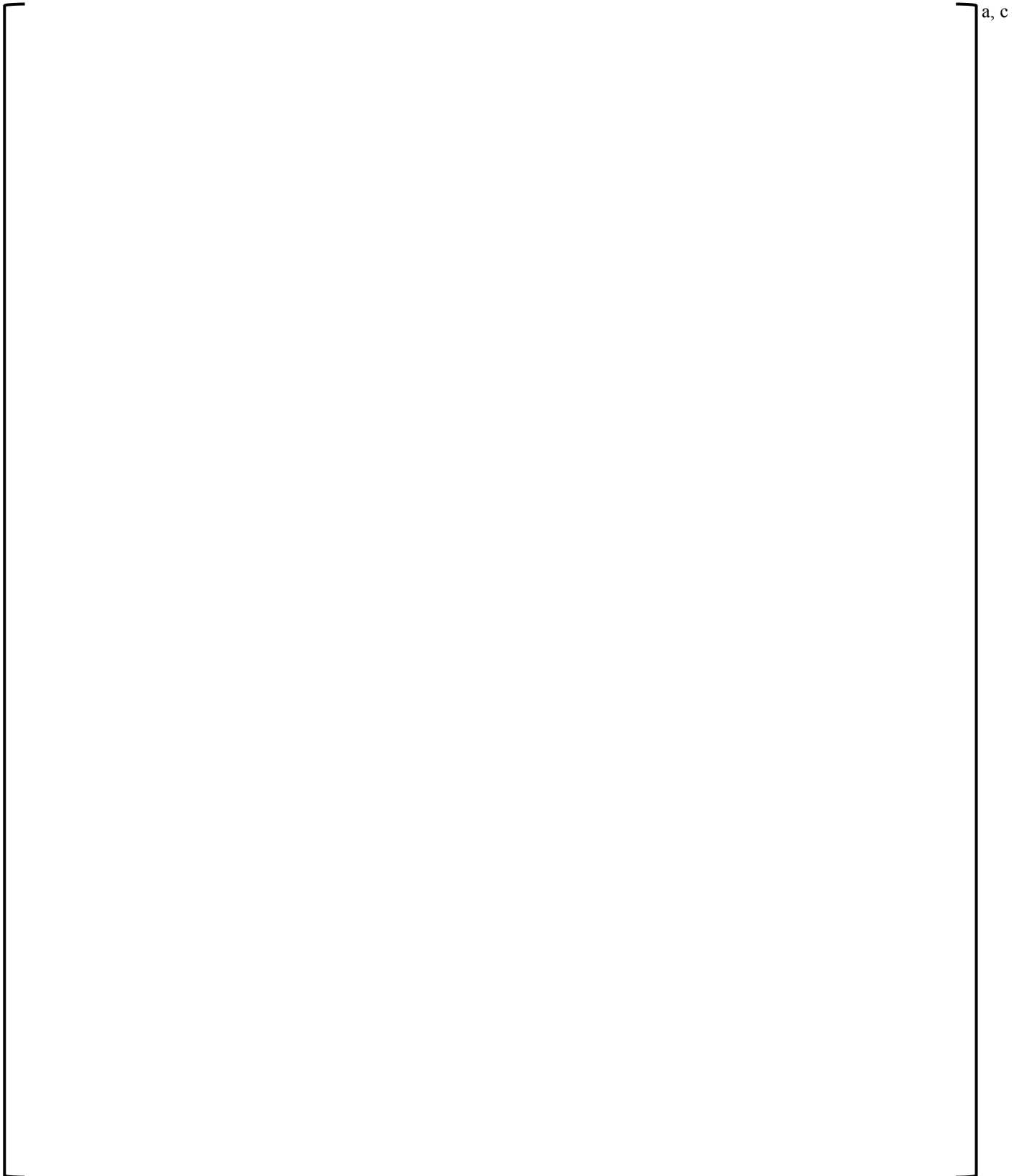
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	Unit 3	Page 38 of 40

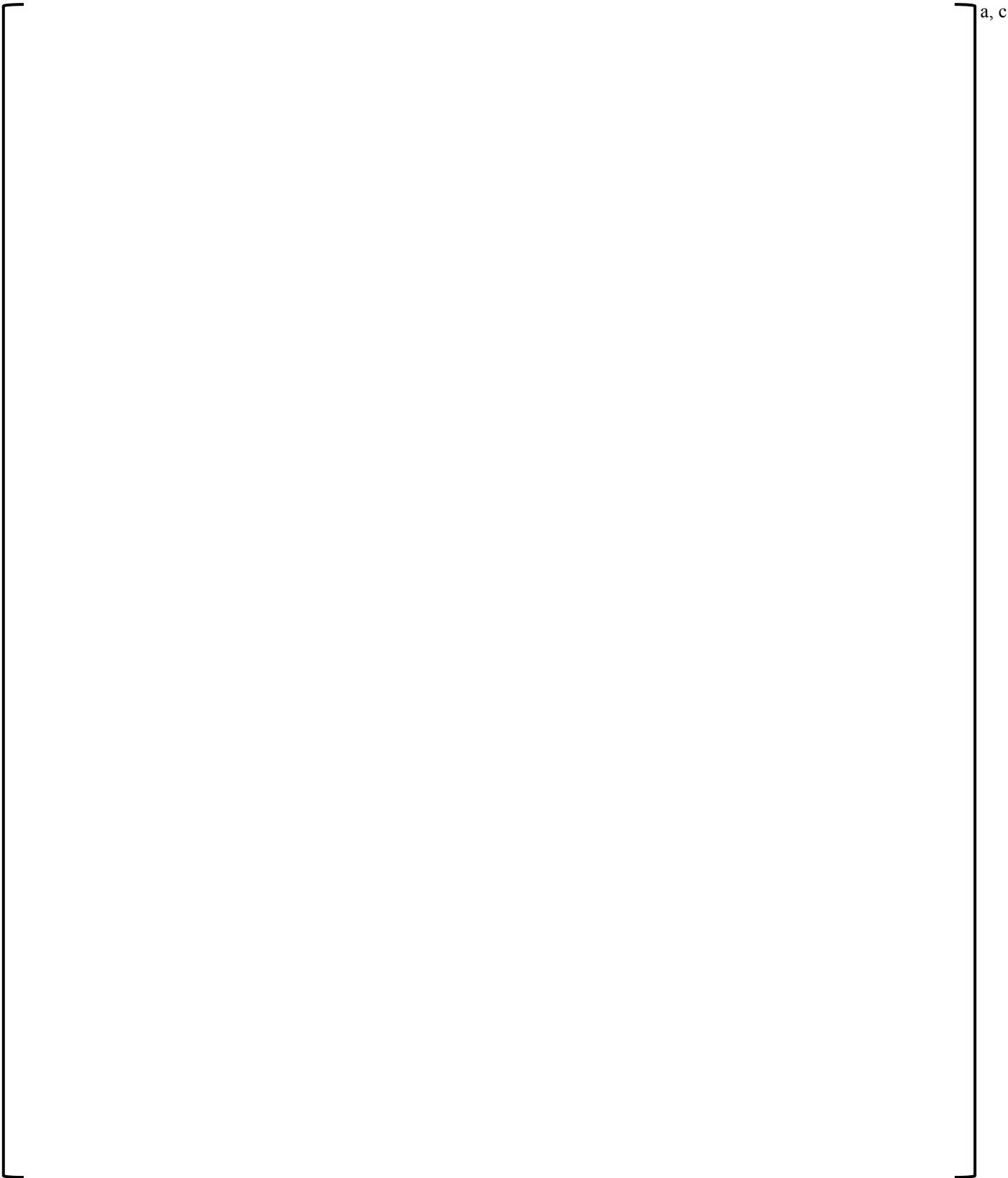


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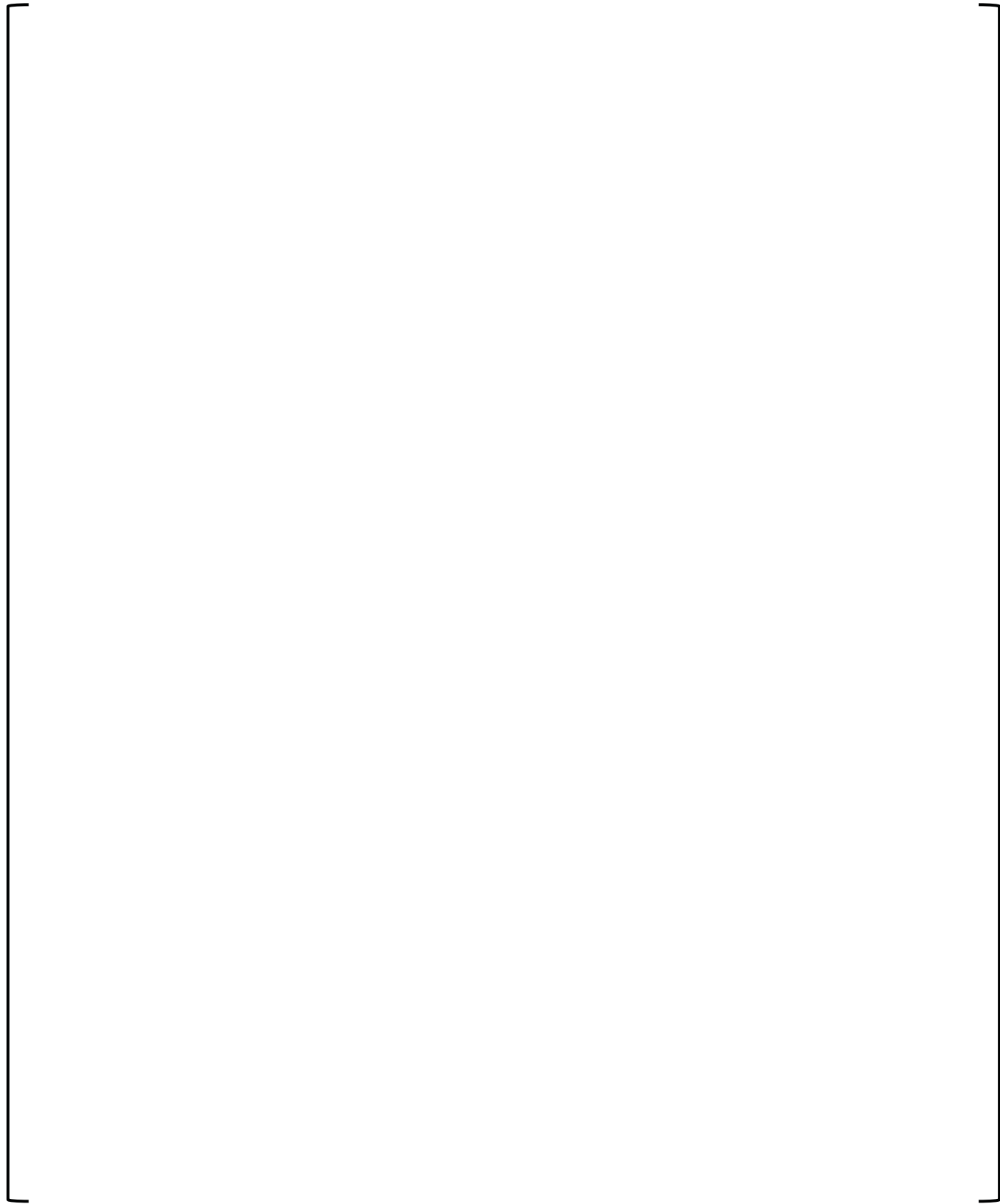
Malfunction of DDS	3-AOP-401	
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a, c

INPLANT SETUP

a, c



READ TO APPLICANT

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

[a, c]

START TIME: _____

Evaluator Note:

- **The most likely screen is given for where the operator will perform the task or check the indication. Indications may be available on multiple screens. In those cases, it is acceptable to look at other screens to get the same information from the same instrument.**
- **When prompted by the candidate for a peer check, respond “peer check is NOT available”.**
- **When any report is given or a request is made, “acknowledge the report verbatim.” Provide no other answer as this may unknowingly cue the candidate.**

STEP/STANDARD	SAT/UNSAT
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	a, c
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STEP/STANDARD	SAT/UNSAT
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	a, c
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STEP/STANDARD	SAT/UNSAT
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	a, c

STEP/STANDARD	SAT/UNSAT
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	a, c
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STEP/STANDARD	SAT/UNSAT
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	a, c
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STEP/STANDARD	SAT/UNSAT
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	a, c
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STEP/STANDARD	SAT/UNSAT
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	a, c
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STEP/STANDARD	SAT/UNSAT
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	a, c
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STEP/STANDARD	SAT/UNSAT
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	a, c

STEP/STANDARD	SAT/UNSAT
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	a, c
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STEP/STANDARD	SAT/UNSAT
---------------	-----------

	a, c
--	------

STOP TIME: _____

APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

a, c

17-0011

PLANT VOGTLE

	<u>ACTIVE</u>	REV: 0	Status Color: GREEN		
Job Description	PLANT MAINTENANCE IN NON-HIGH RADIATION AREAS				
Location	U3/U4 Auxiliary Building, Turbine Building, Radwaste Building, & OUTSIDE AREAS				
HP Coverage	<u>Authorization</u>	<u>Briefing</u>	START DATE	1/1/2017 12:01 AM	END DATE 12/31/2017 11:59 AM
INTERMITTENT	ALL	ALL	Job Supv. CHRIS CHILDRESS Ext. 3422		

Radiological Conditions

AIRBORNE LEVELS: < 0.3 DAC PART AND IODINE, <1.0 DAC NOBLE GAS
 CONTAMINATION: < 200,000 DPM/100CM2 BETA/GAMMA, <20 DPM/100CM2 ALPHA
 RAD LEVELS: < 100 MREM/HR.

Dosimetry

OSLD & ED, RELOCATE ONLY PER HP

Protective Clothing Requirements

'MINIMUM REQUIREMENTS IN "C" ZONE
 BOOTIES/GLOVES/LAB COAT
 DRESS REQ. MAY BE CHANGED AS HP DIRECTS

Respirators

Usage is Prohibited

Tasks

Description	DAD Alarms	
	Dose (mr)	Rate (mr/h)
MAINTENANCE MECHANICAL	10	50
MAINTENANCE ELECTRICAL	10	50
INSULATION/SHEETMETAL WORK	10	50
SCAFFOLDING WORK	10	50
SURVEILLANCES	10	50
WALKDOWNS AND INSPECTIONS	10	50
MISCELLANEOUS TASKS	10	50

Instructions

- * NO ENTRY INTO POSTED HIGH RADIATION AREAS. DOSE RATE ALARM SETPOINTS FOR GREEN RWPS CANNOT BE MODIFIED TO >=100 MREM/HR.
- *GENERAL RWP'S WILL NOT BE ISSUED FOR WORK IN HIGH RADIATION AREAS, AREAS OF SIGNIFICANT LOOSE CONTAMINATION, OR AREAS REQUIRING A SPECIFIC JOB SURVEY BY RADIATION PROTECTION PRIOR TO ENTRY (INCLUDING SURVEY UPON ENTRY AREAS).
- * NO ENTRY INTO AREAS GREATER THAN THOSE ESTABLISHED IN THE RADIOLOGICAL CONDITIONS BLOCK LISTED ABOVE.
- * RP HAS STOP WORK AUTHORITY AS A CONTINGENCY WHEN RADIOLOGICAL CONDITIONS OR WORK PRACTICES DEVIATE SIGNIFICANTLY FROM PRE-JOB PLANNING AND/OR RWP.
- * RP TO SURVEY AREAS PRIOR TO CLIMBING INTO ANY OVERHEAD AREAS GREATER THAN 8 FEET.
- * NO BREACHES, CUTTING, WELDING OR GRINDING OF POTENTIALLY CONTAMINATED SYSTEMS ALLOWED ON THIS RWP.
- * FOLLOW ALL RP INSTRUCTIONS.
- * READ AND OBEY ALL POSTINGS.
- * CLEAN UP WORK AREA PRIOR TO EXITING.

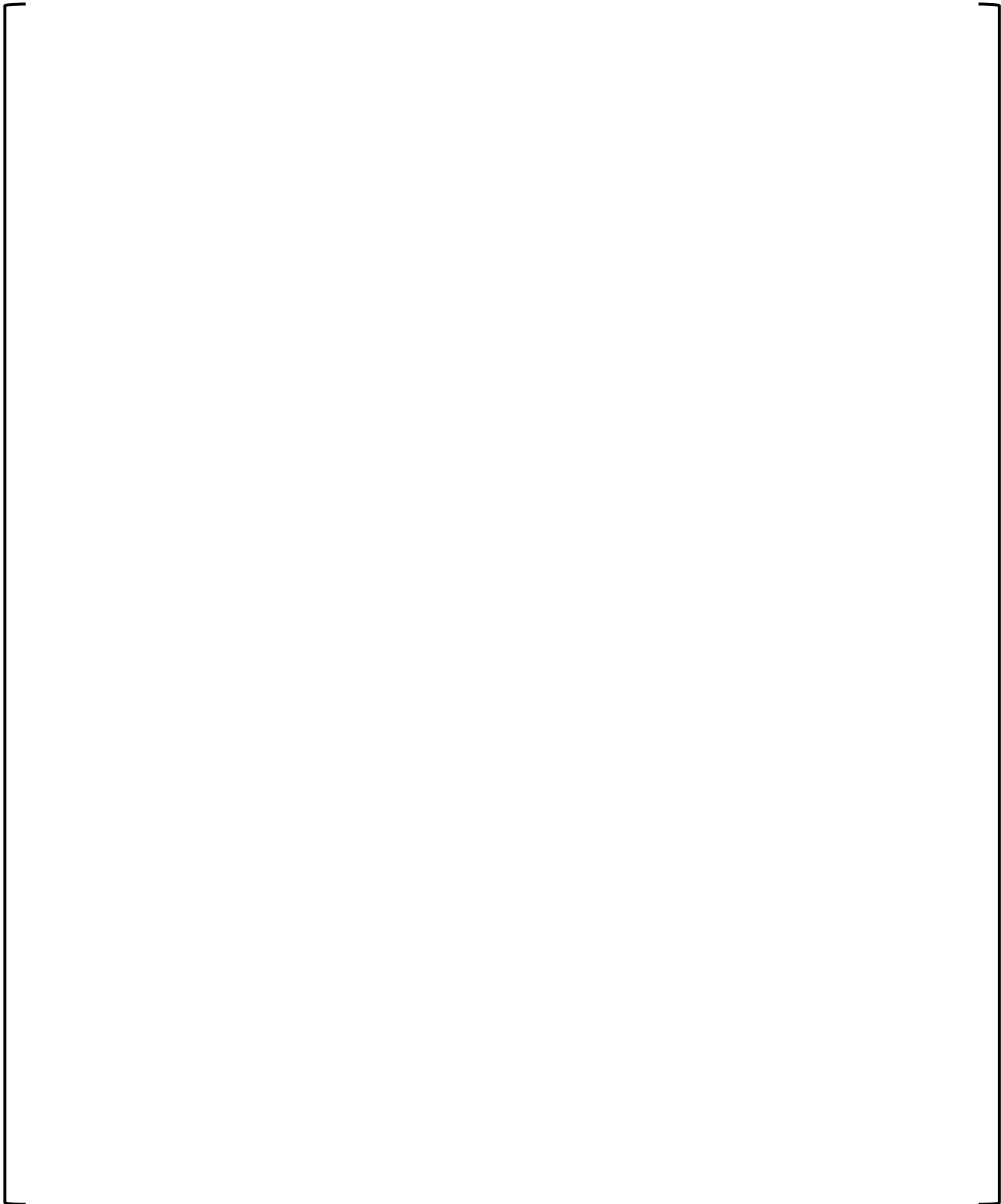
Prepared	Group Name	Approved	Suspended	Terminated
Prepared	Health Physics Staff	12/19/2016 12-19-2016 by MACLARK		



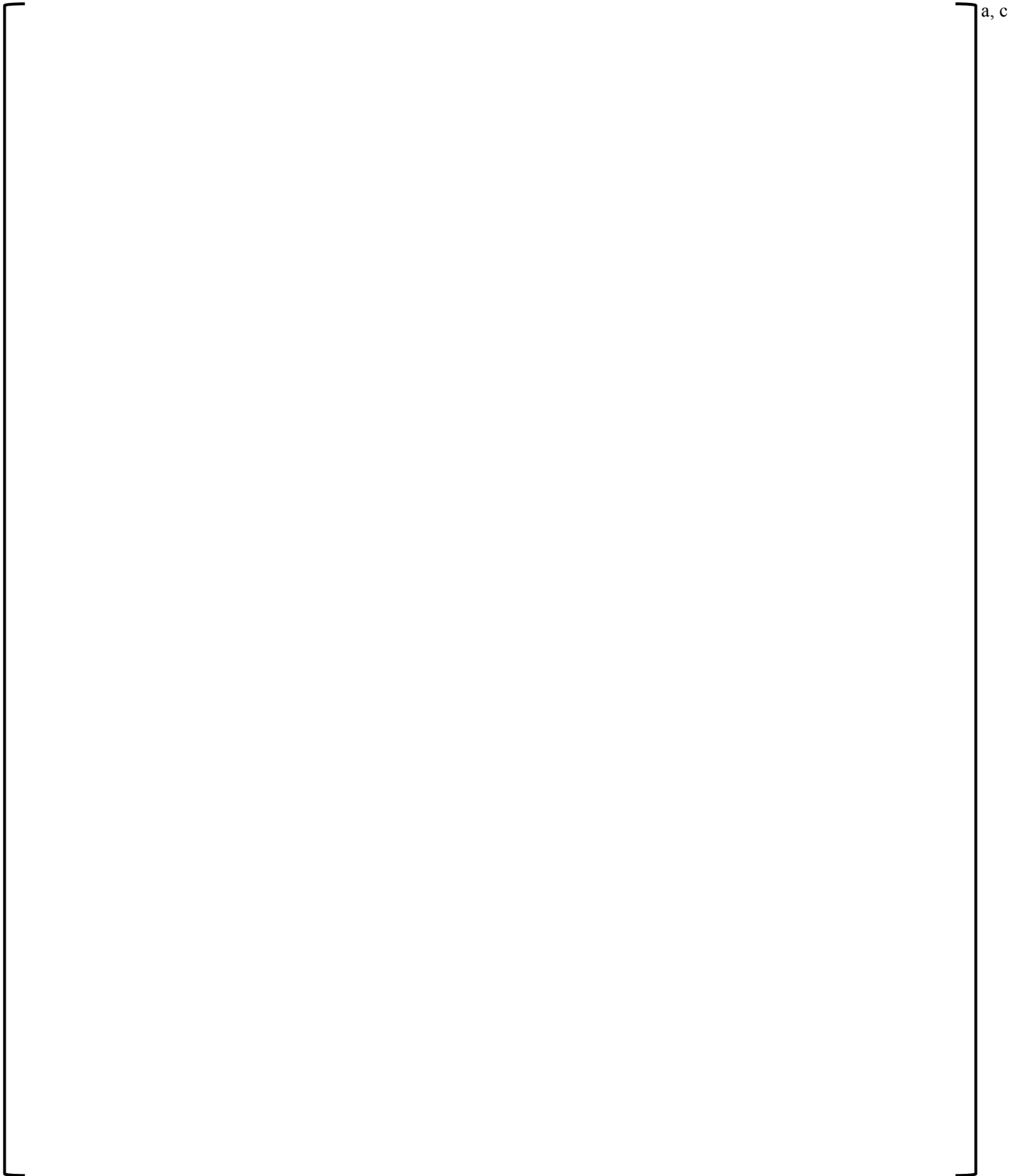
**VOGTLE
Unit 3**

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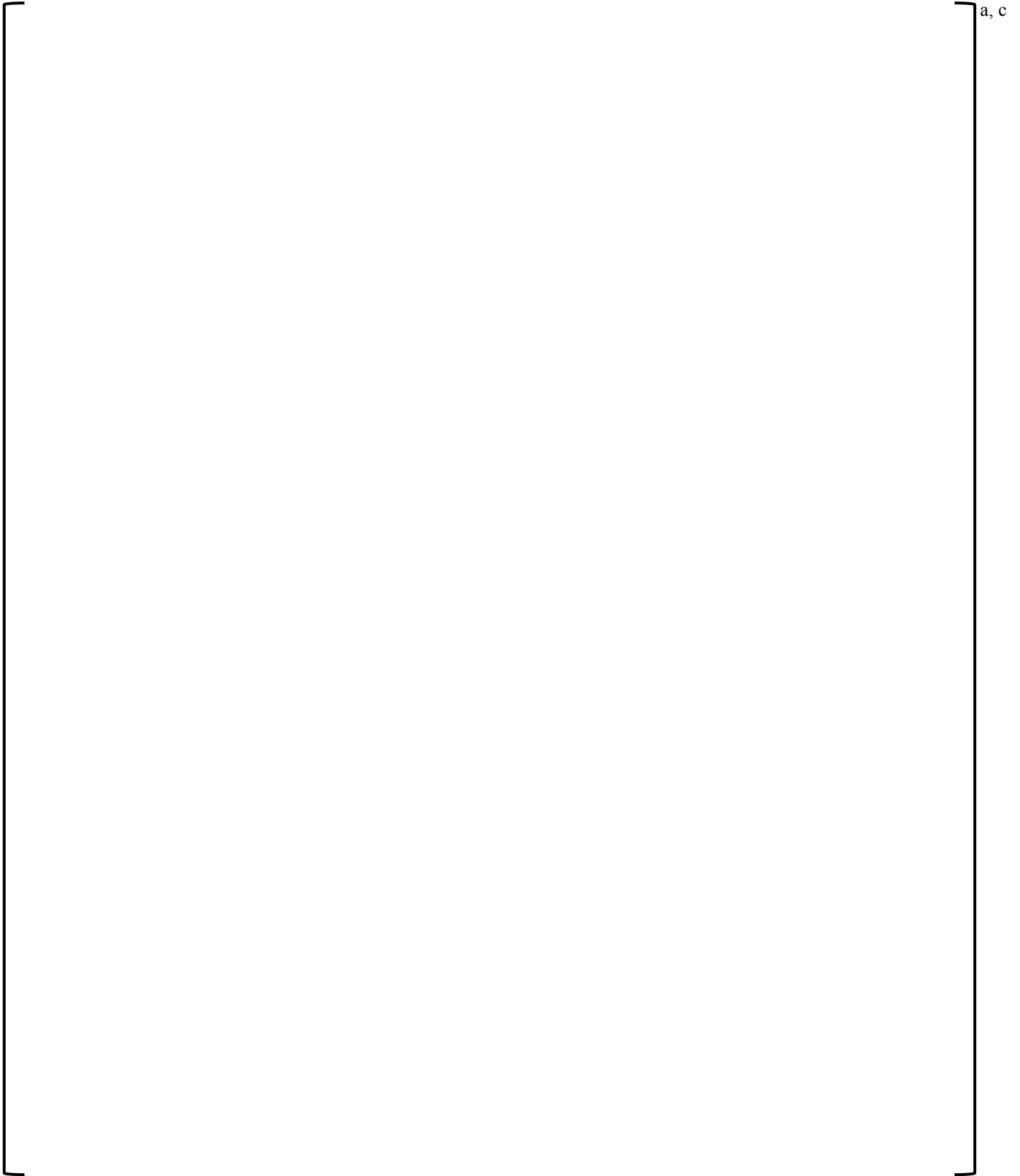
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
	Unit 3	Page 2 of 29



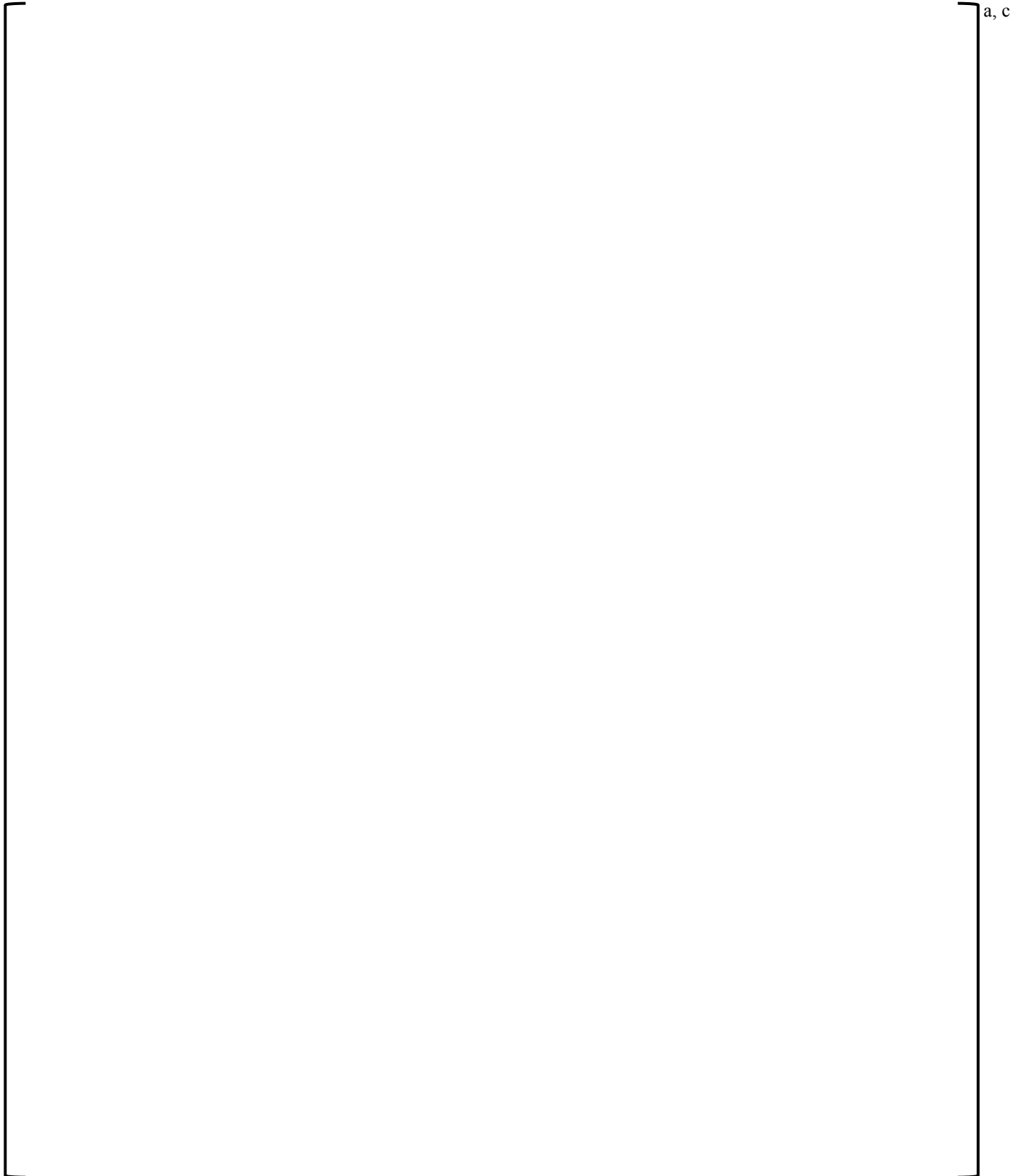
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
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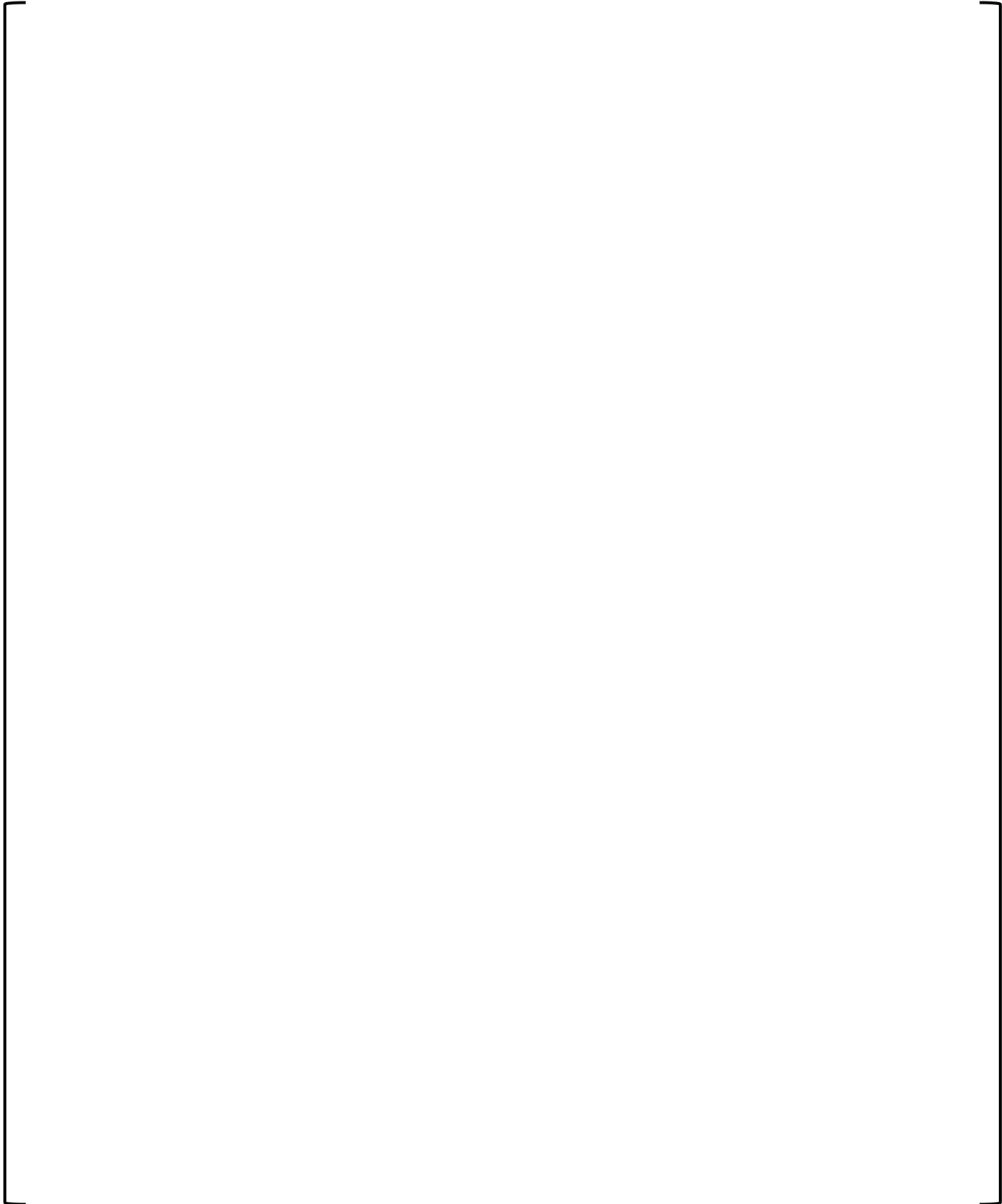
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
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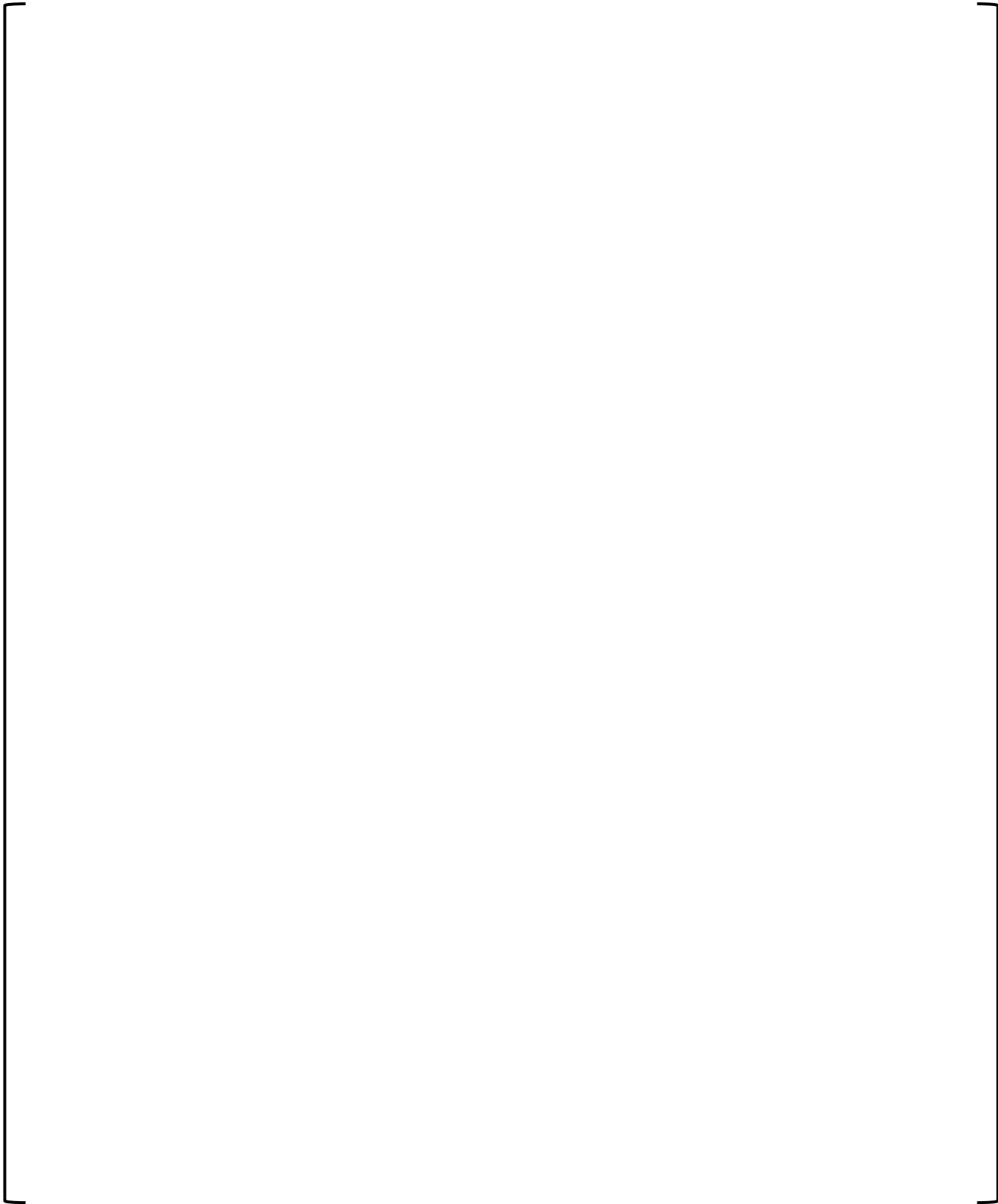
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	VOGTLE	Version D=0.3
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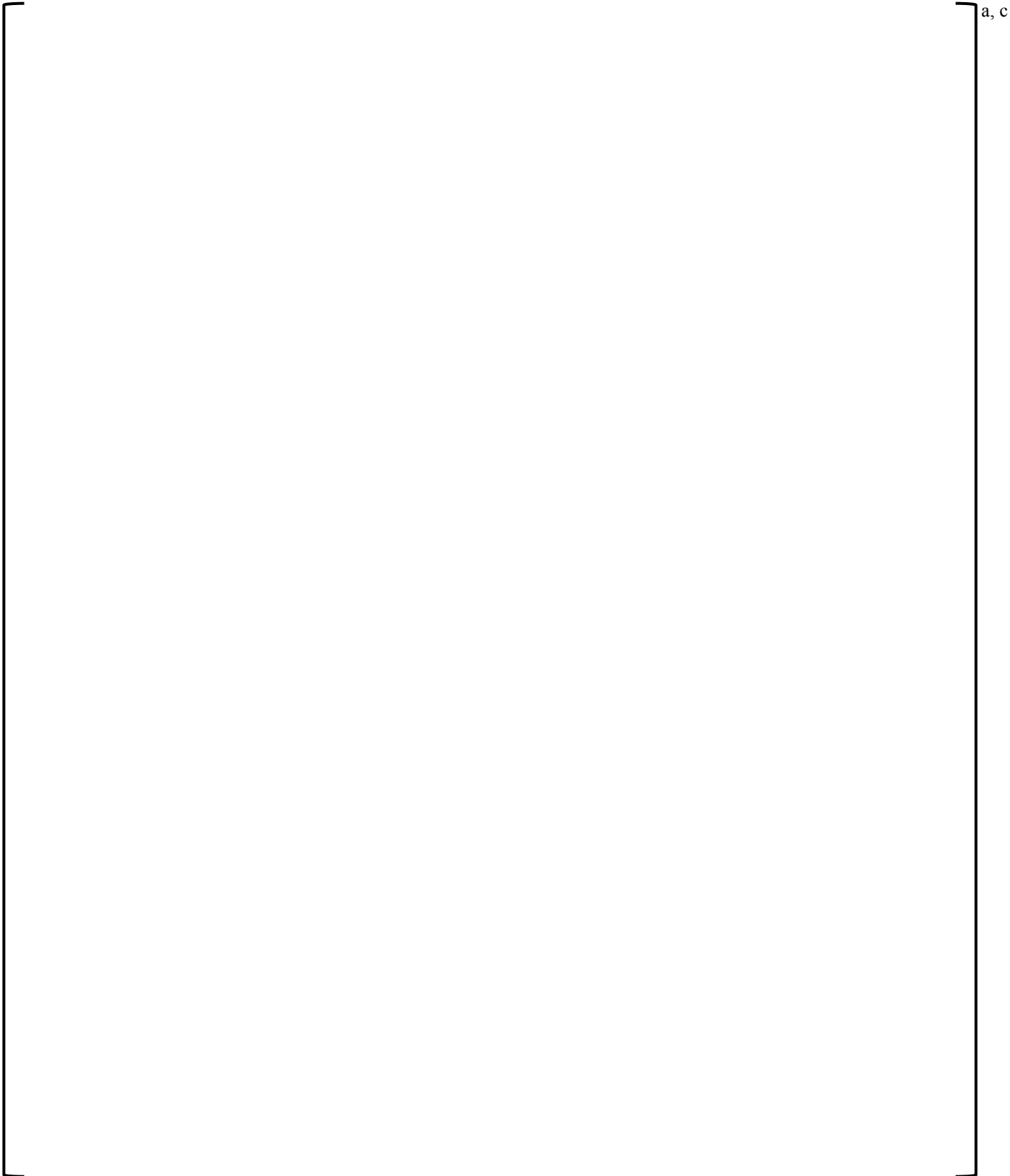
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
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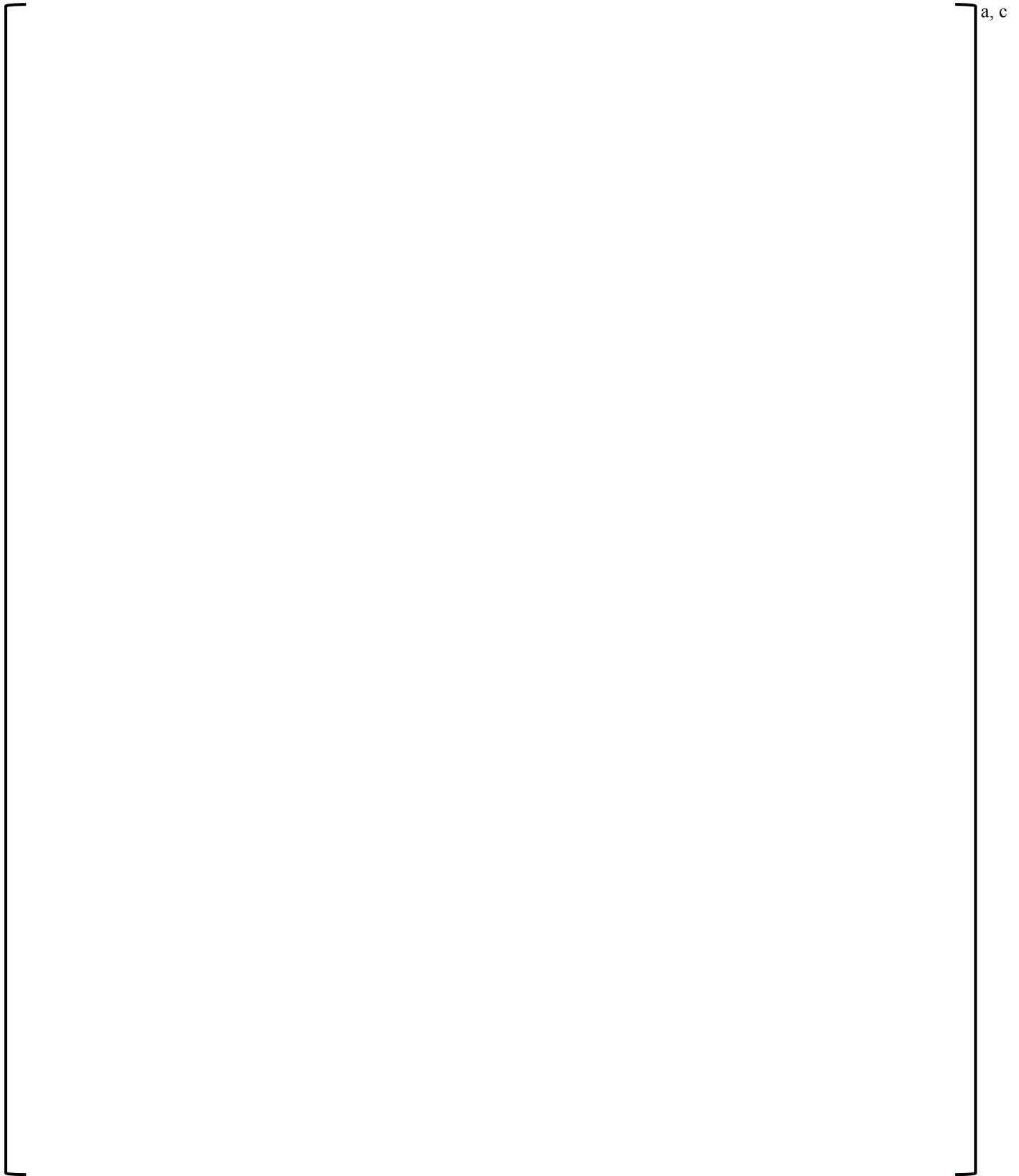
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
	Unit 3	Page 7 of 29



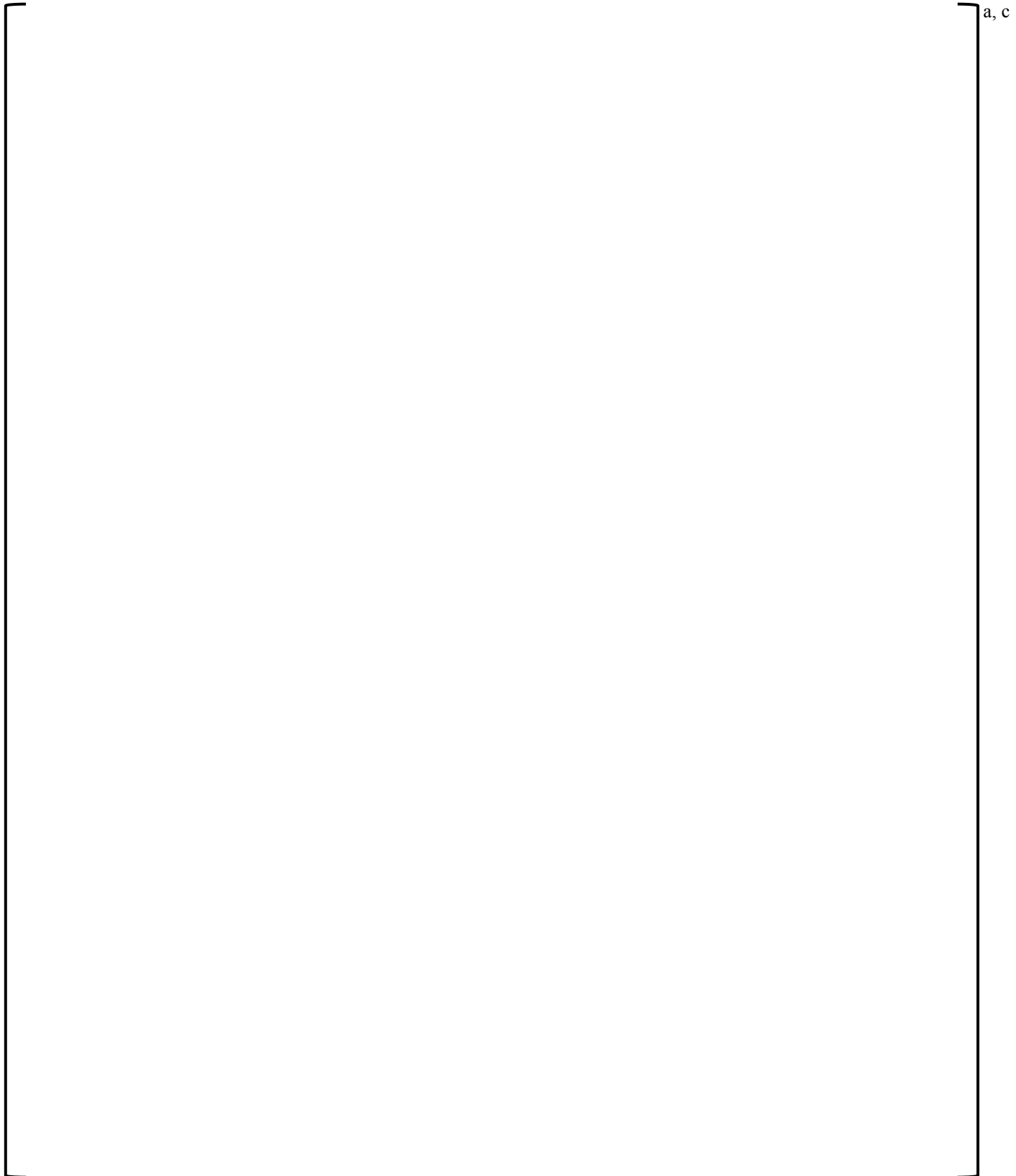
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE Unit 3	Version D=0.3 Page 8 of 29



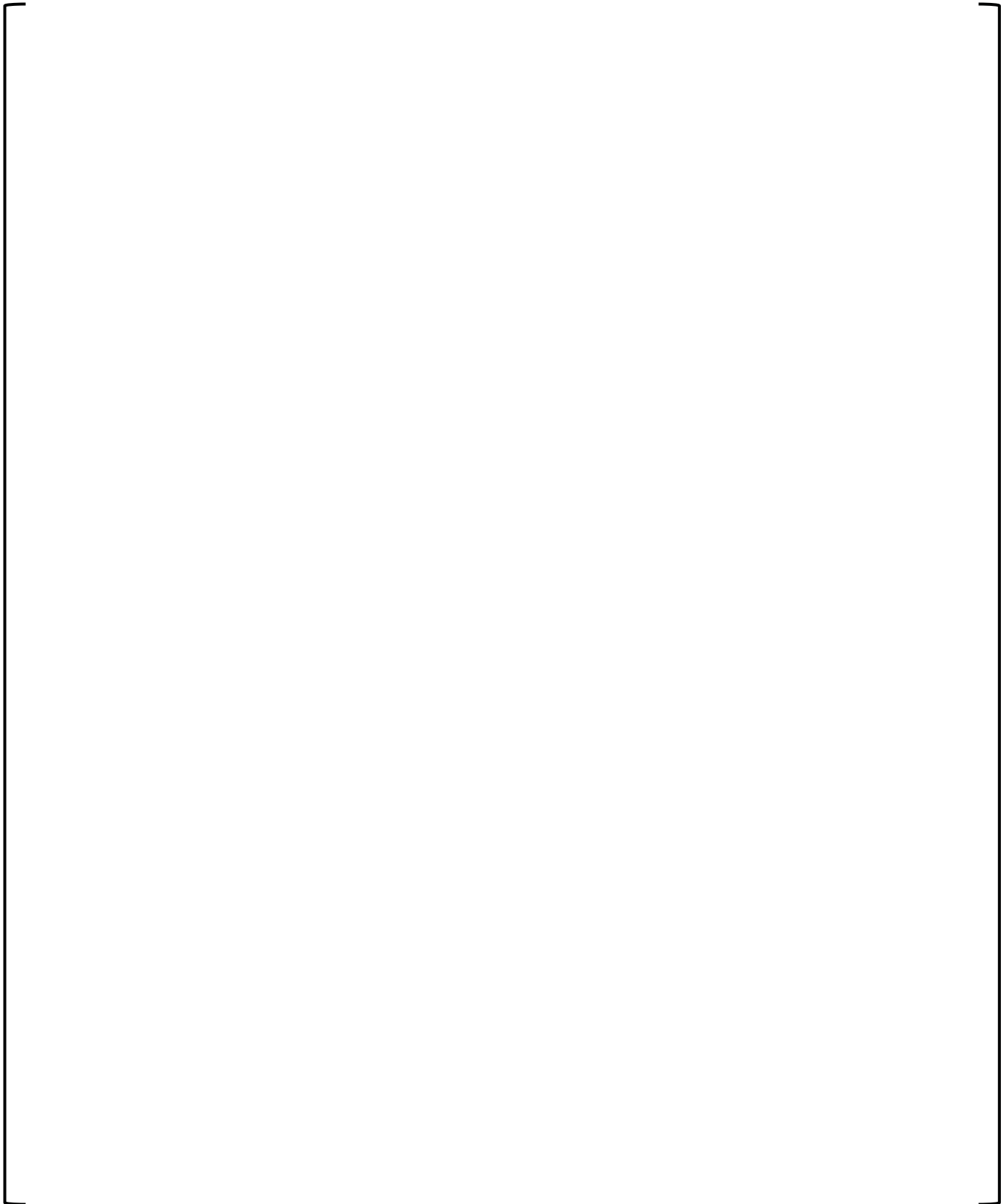
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
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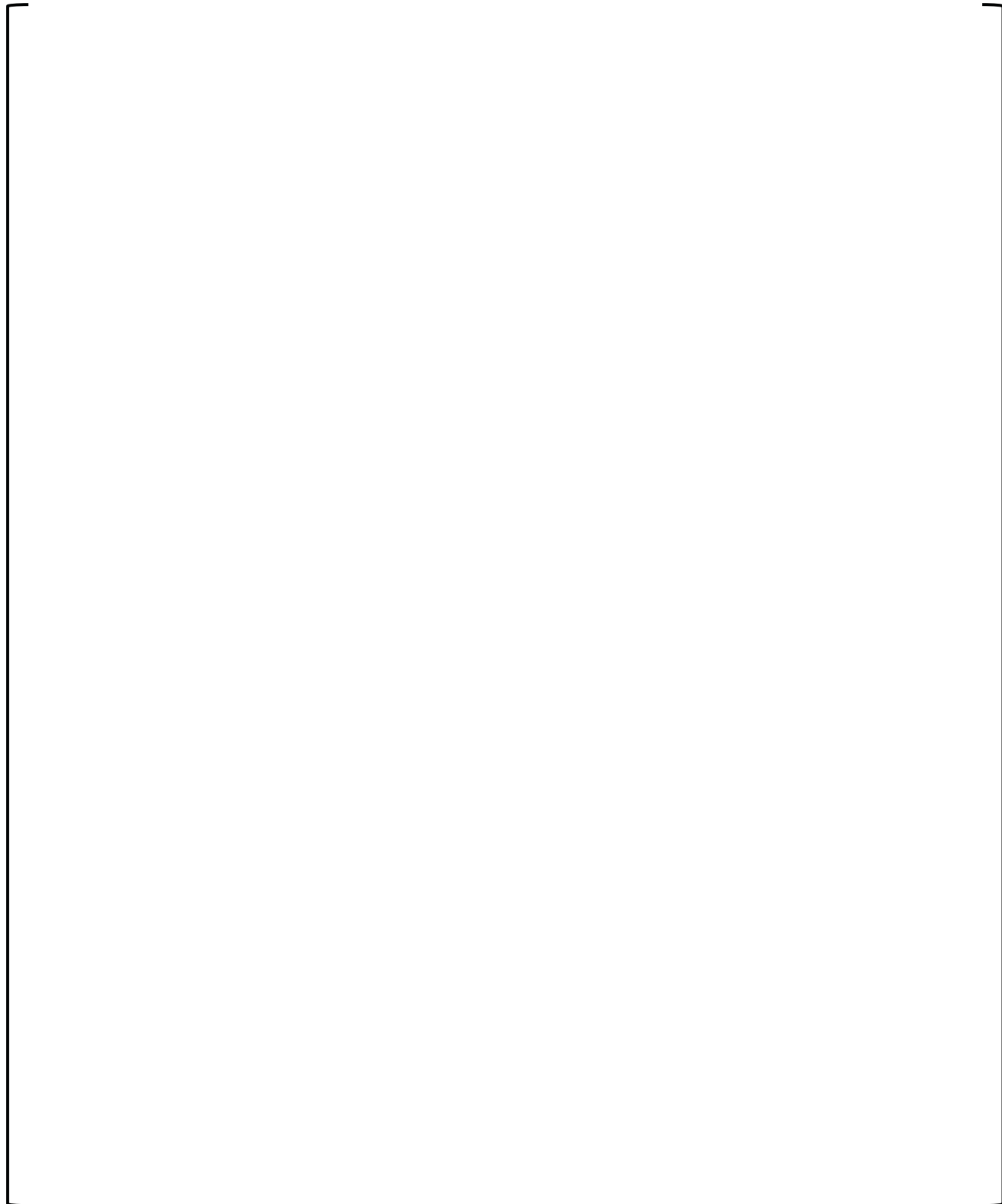
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
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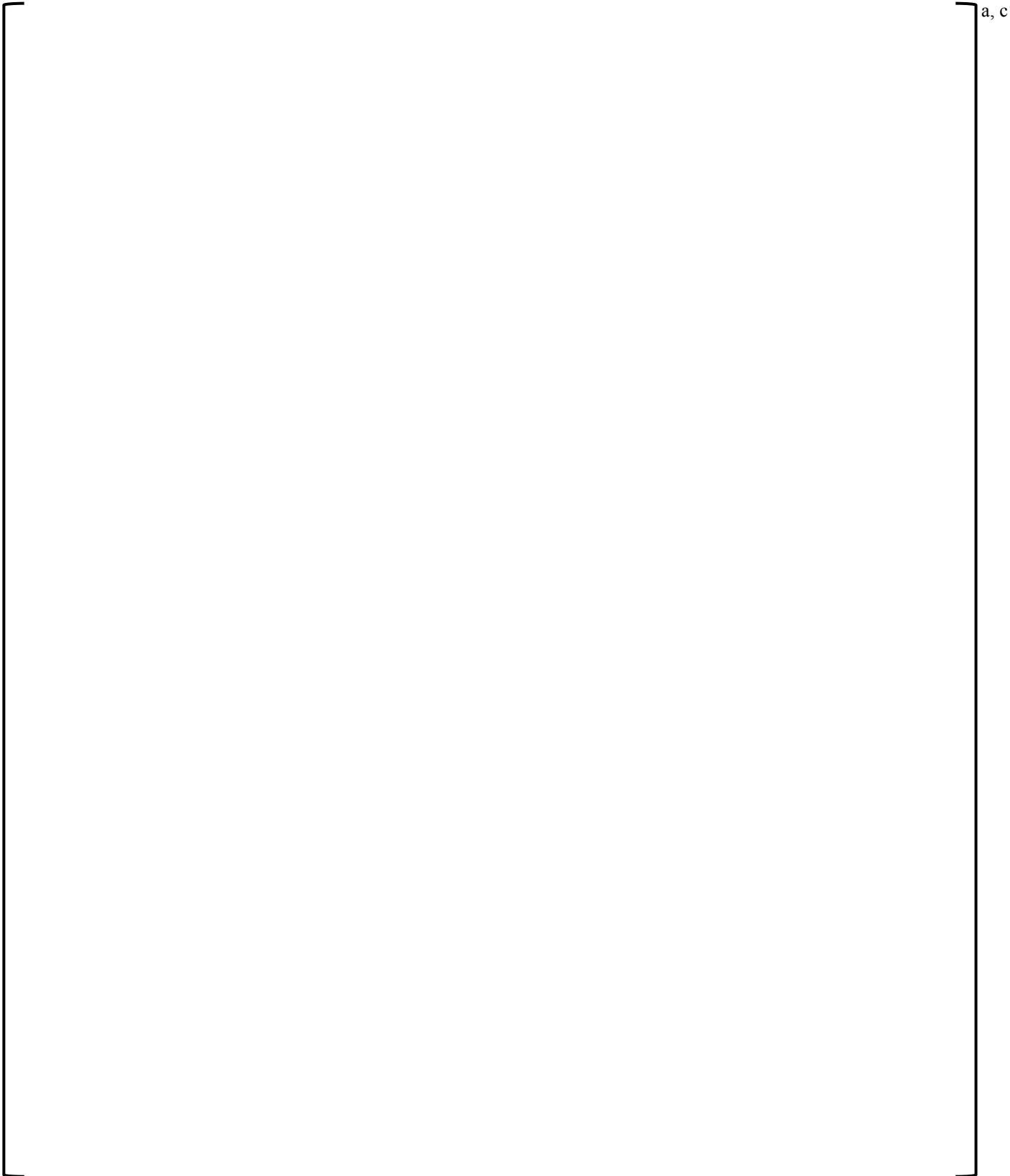
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
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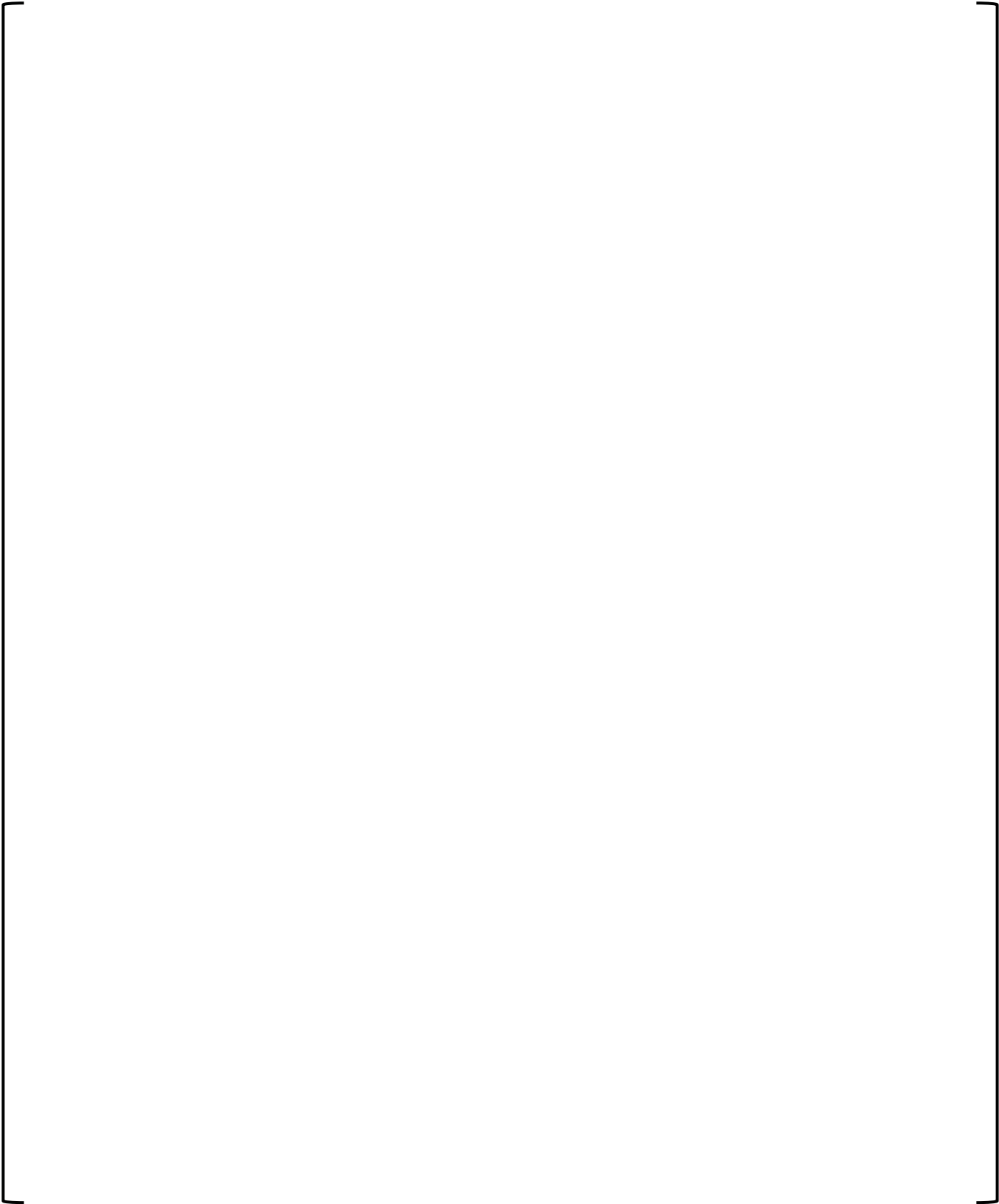
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
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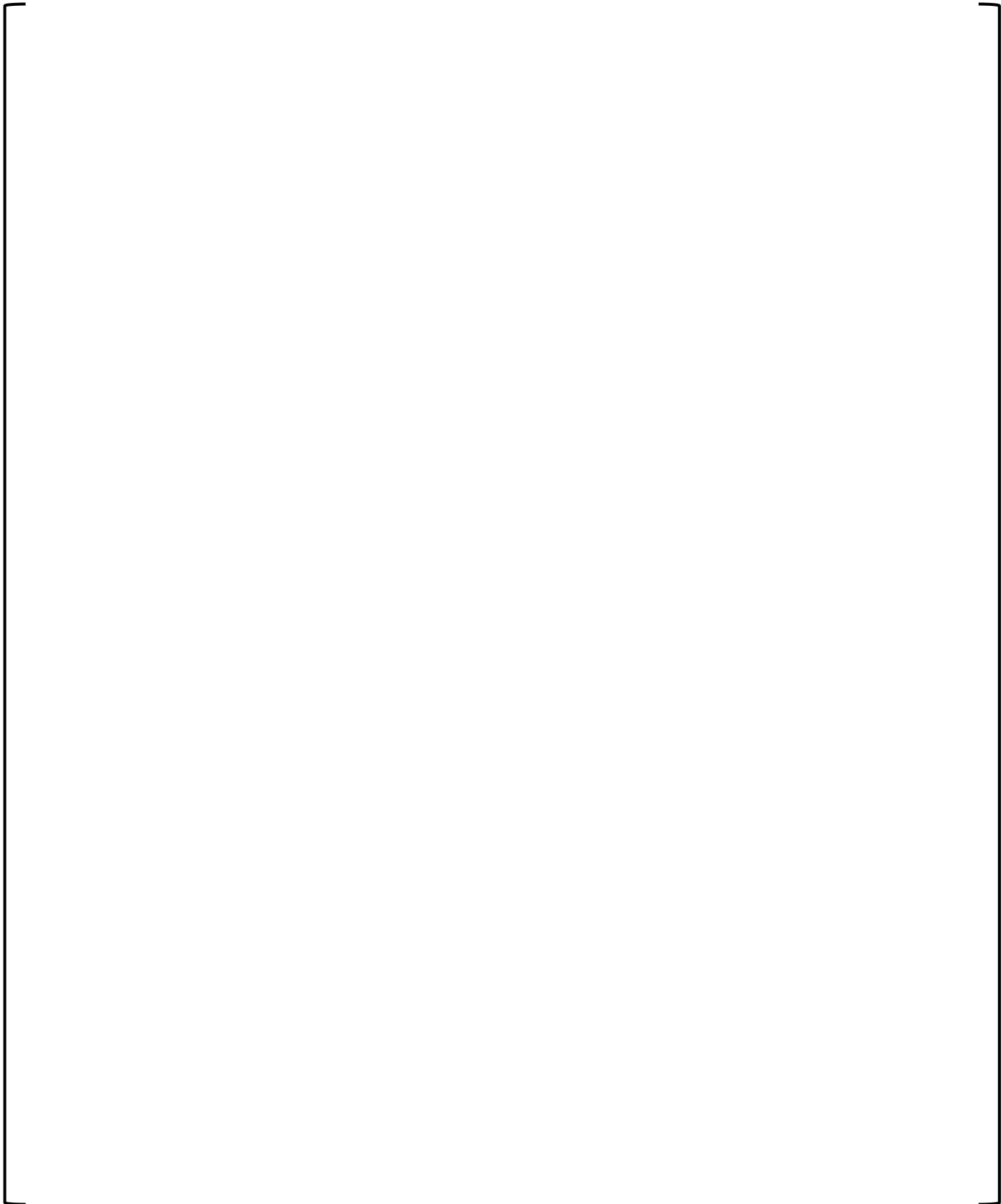
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
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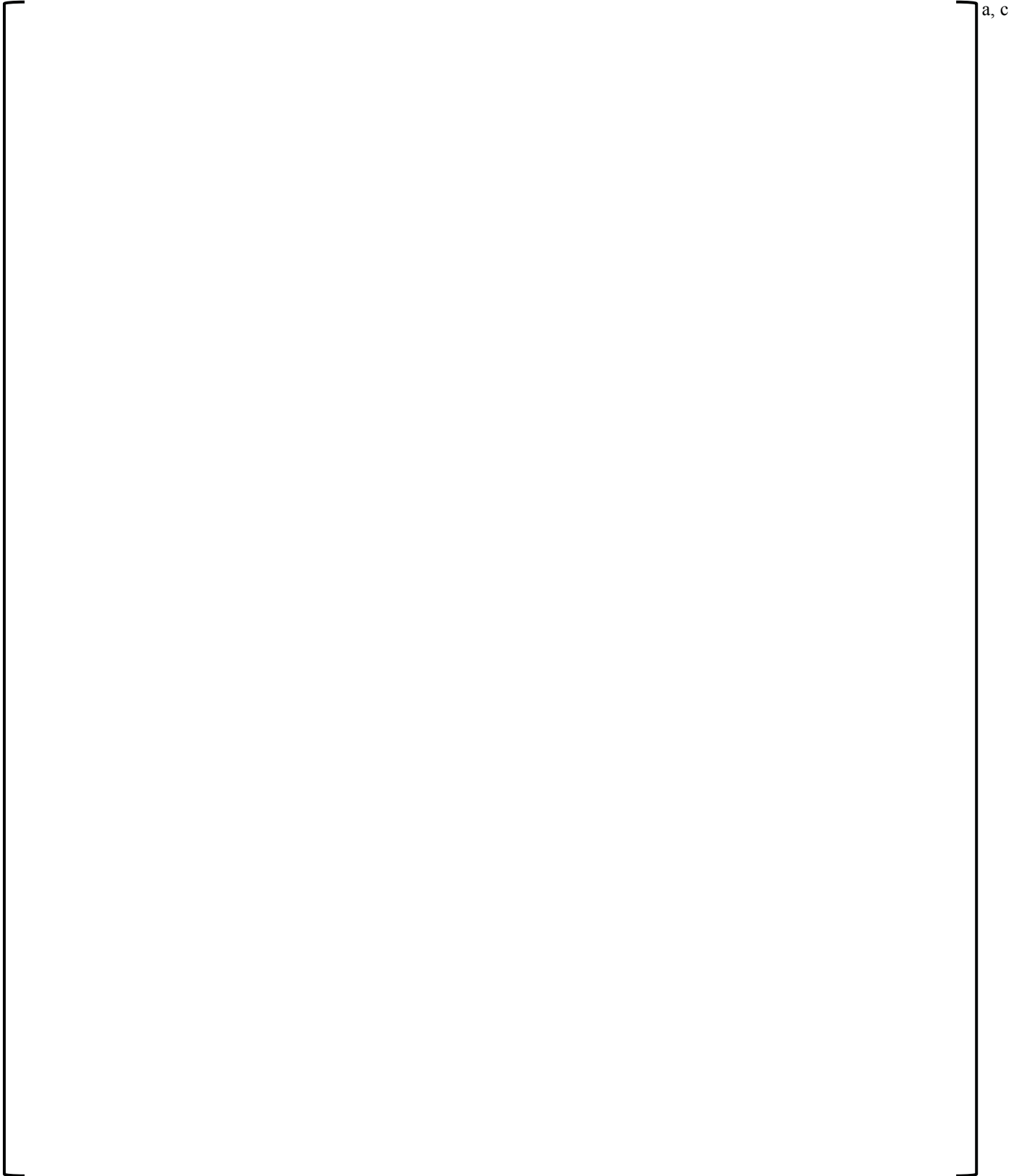
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	VOGTLE	Version D=0.3
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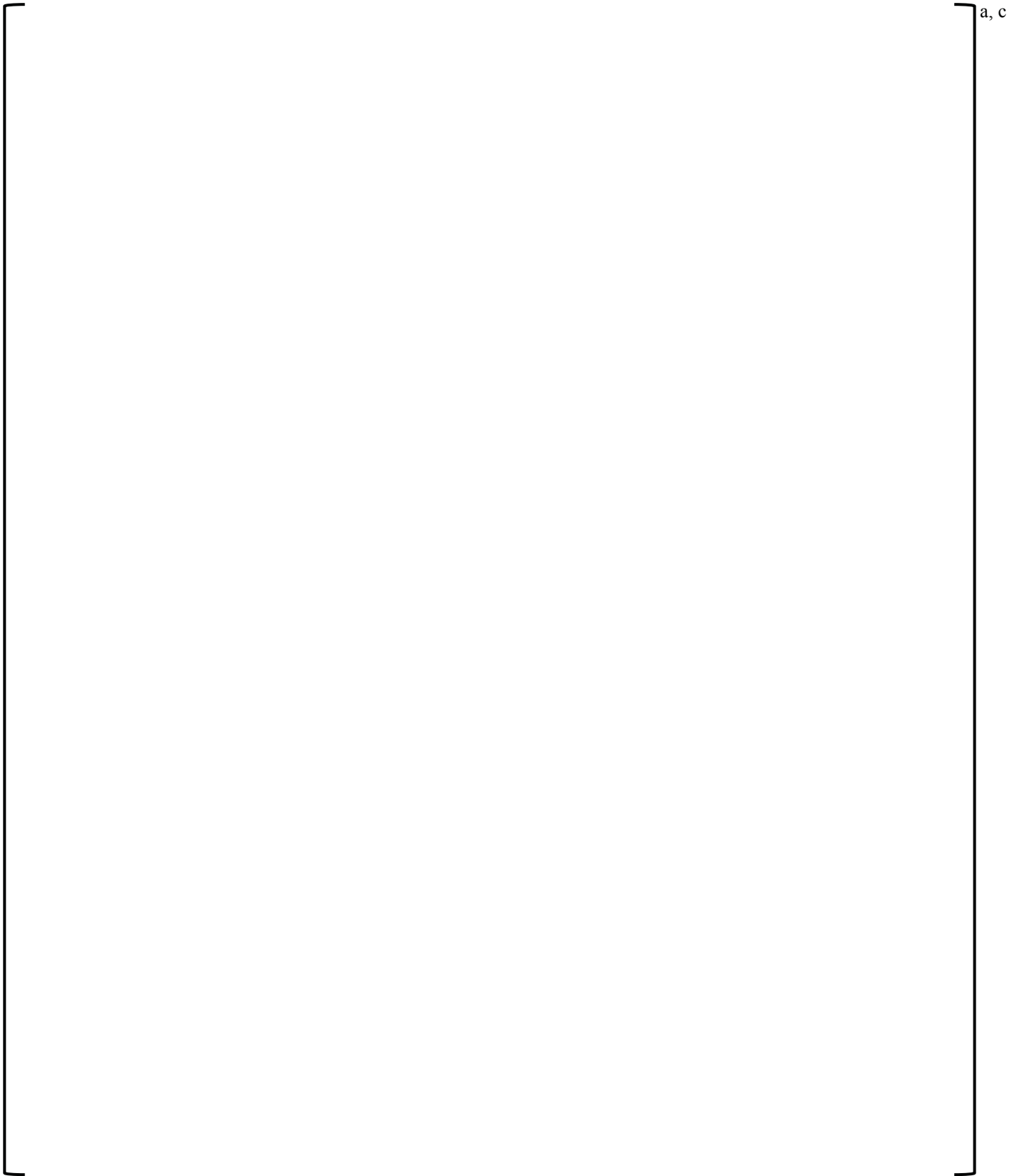
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	VOGTLE	Version D=0.3
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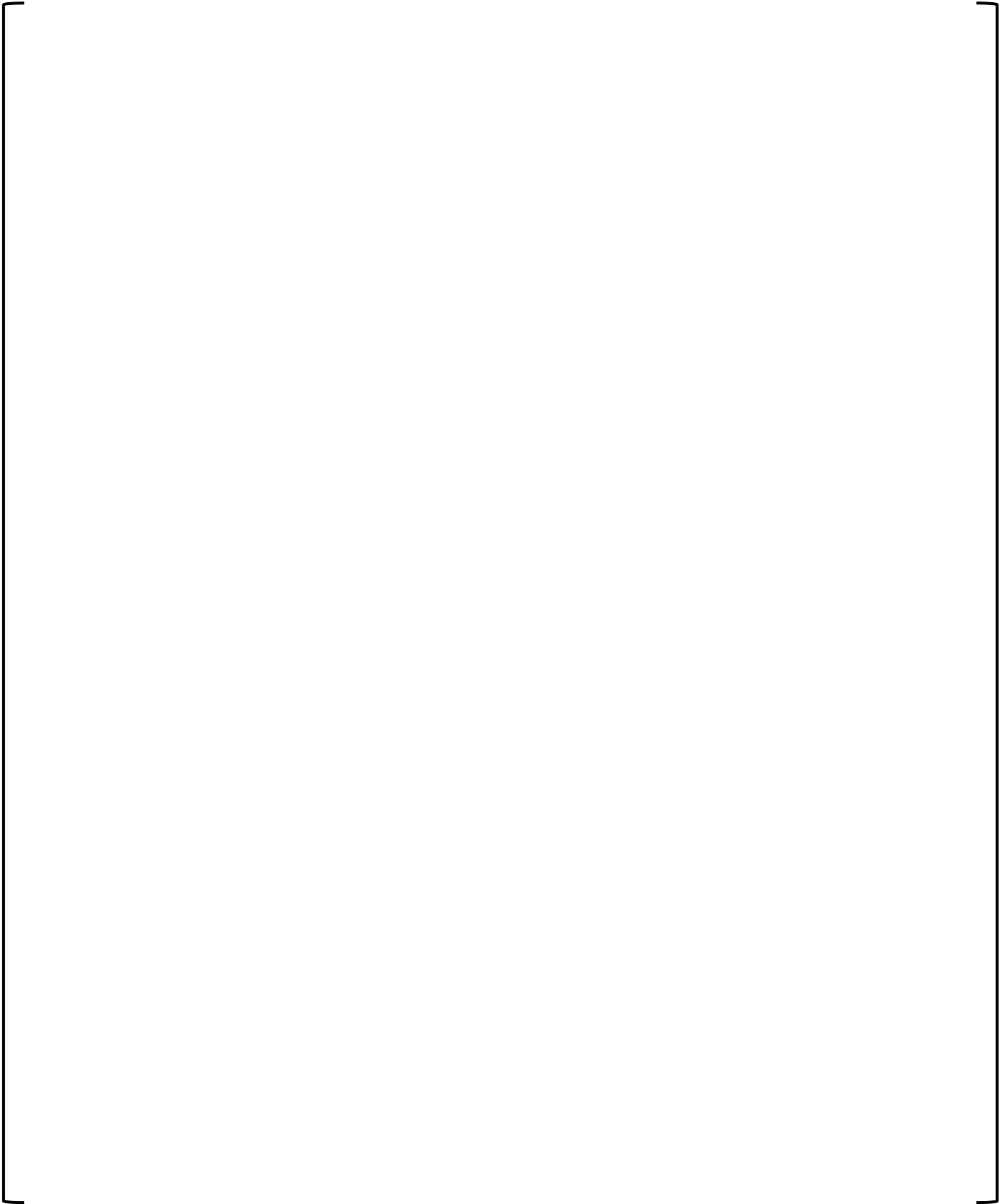
Loss of Spent Fuel Pool Cooling	3-AOP-116	
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Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
	Unit 3	Page 17 of 29

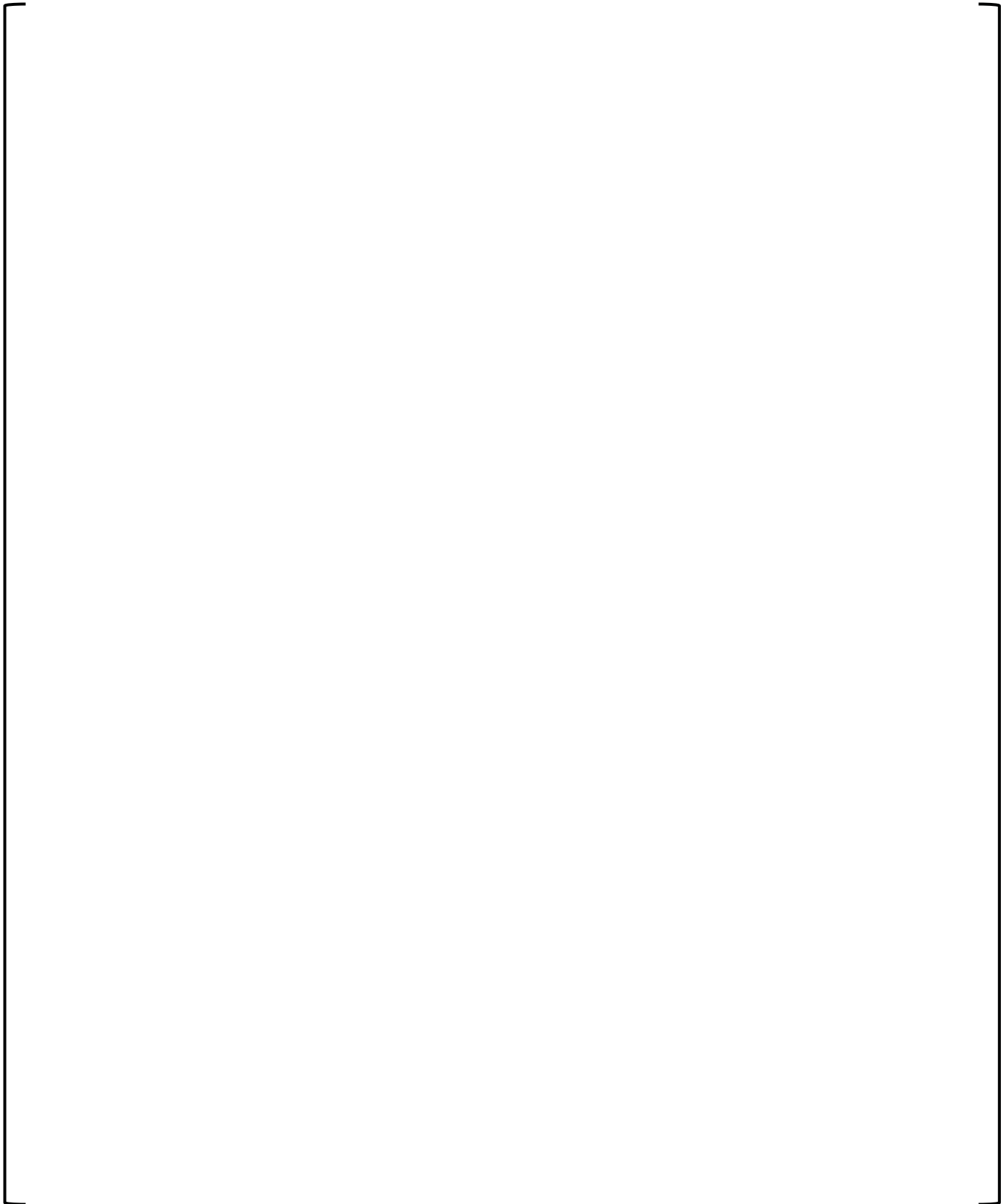


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	VOGTLE	Version D=0.3
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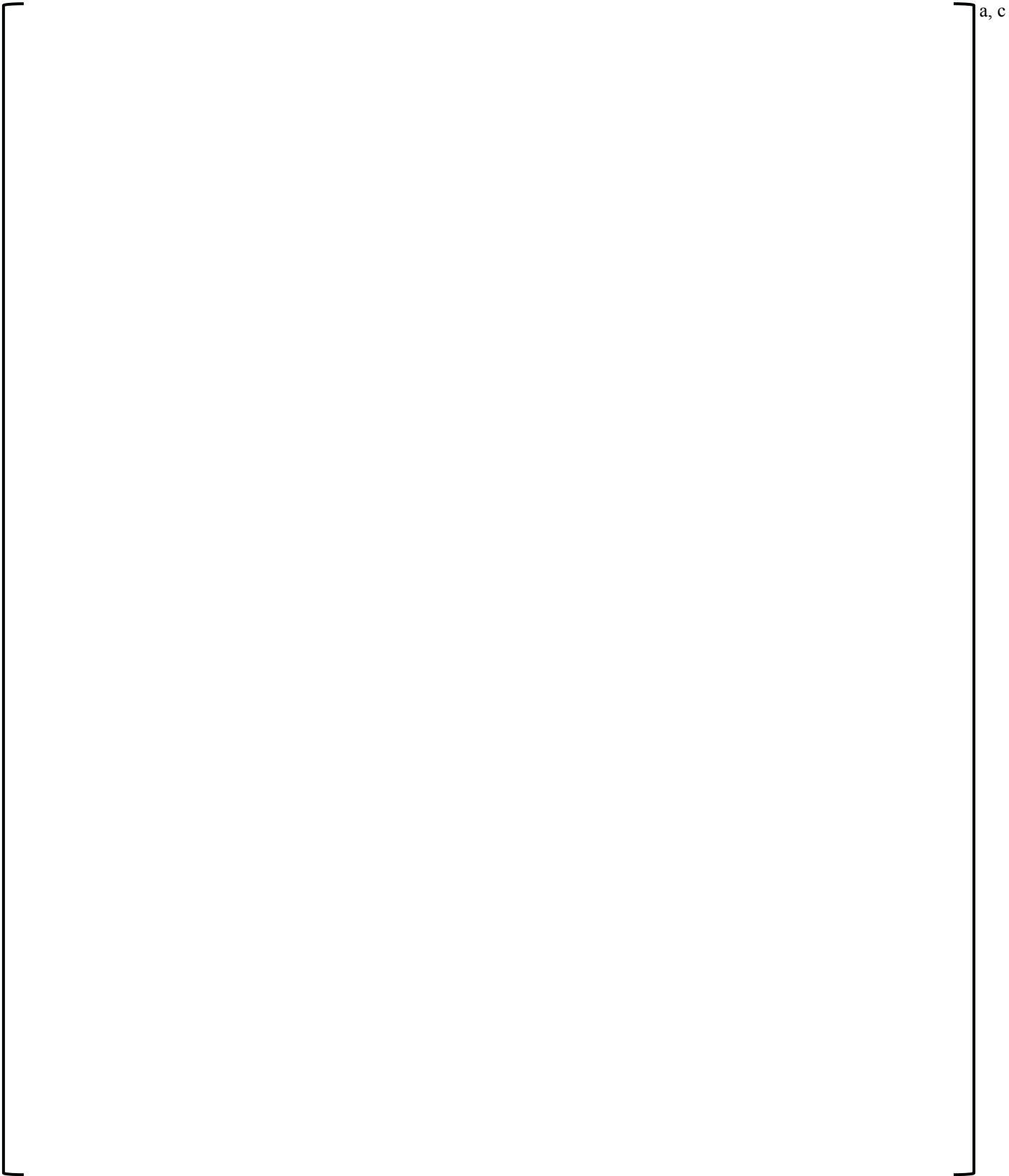


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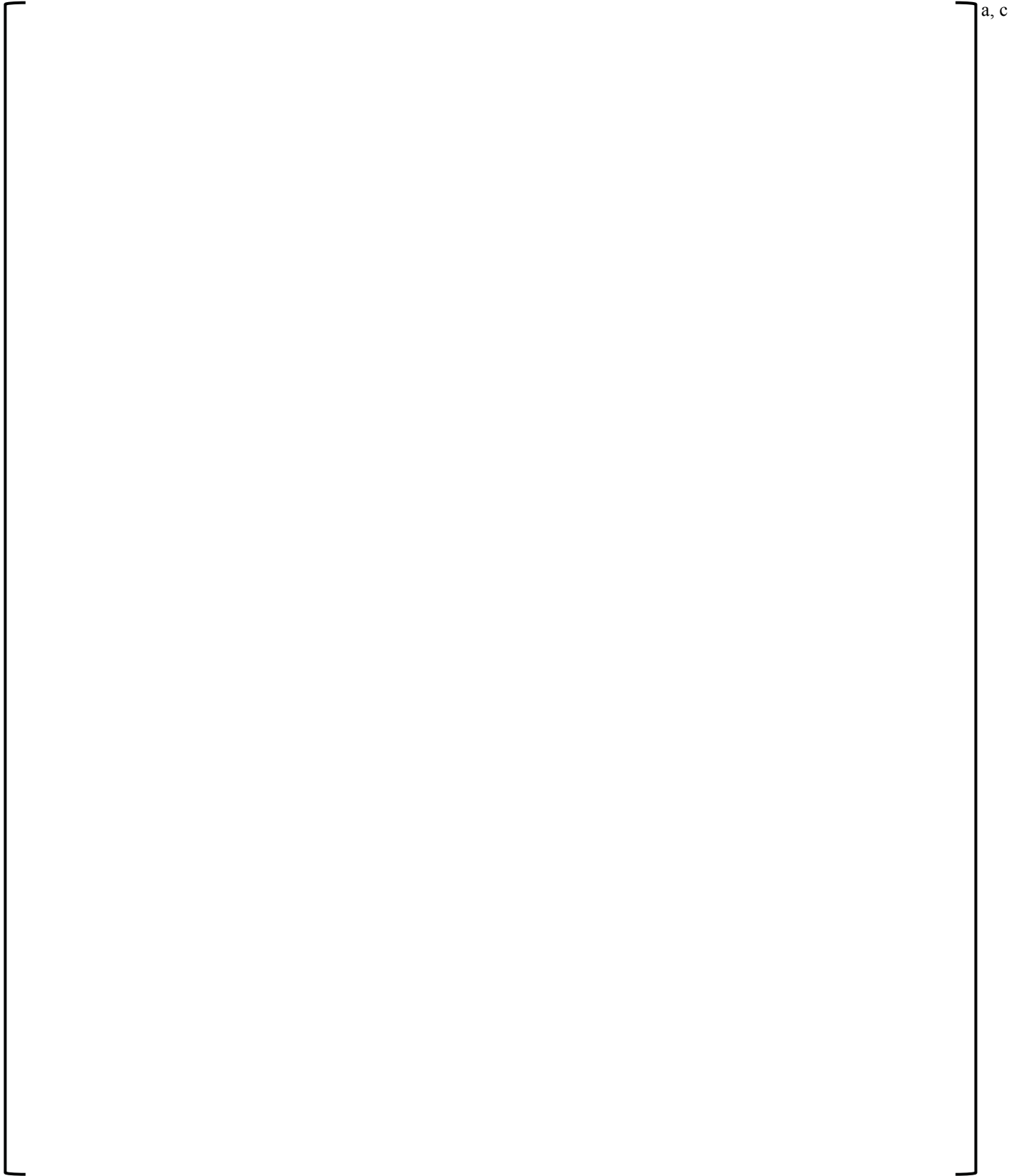
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	VOGTLE	Version D=0.3
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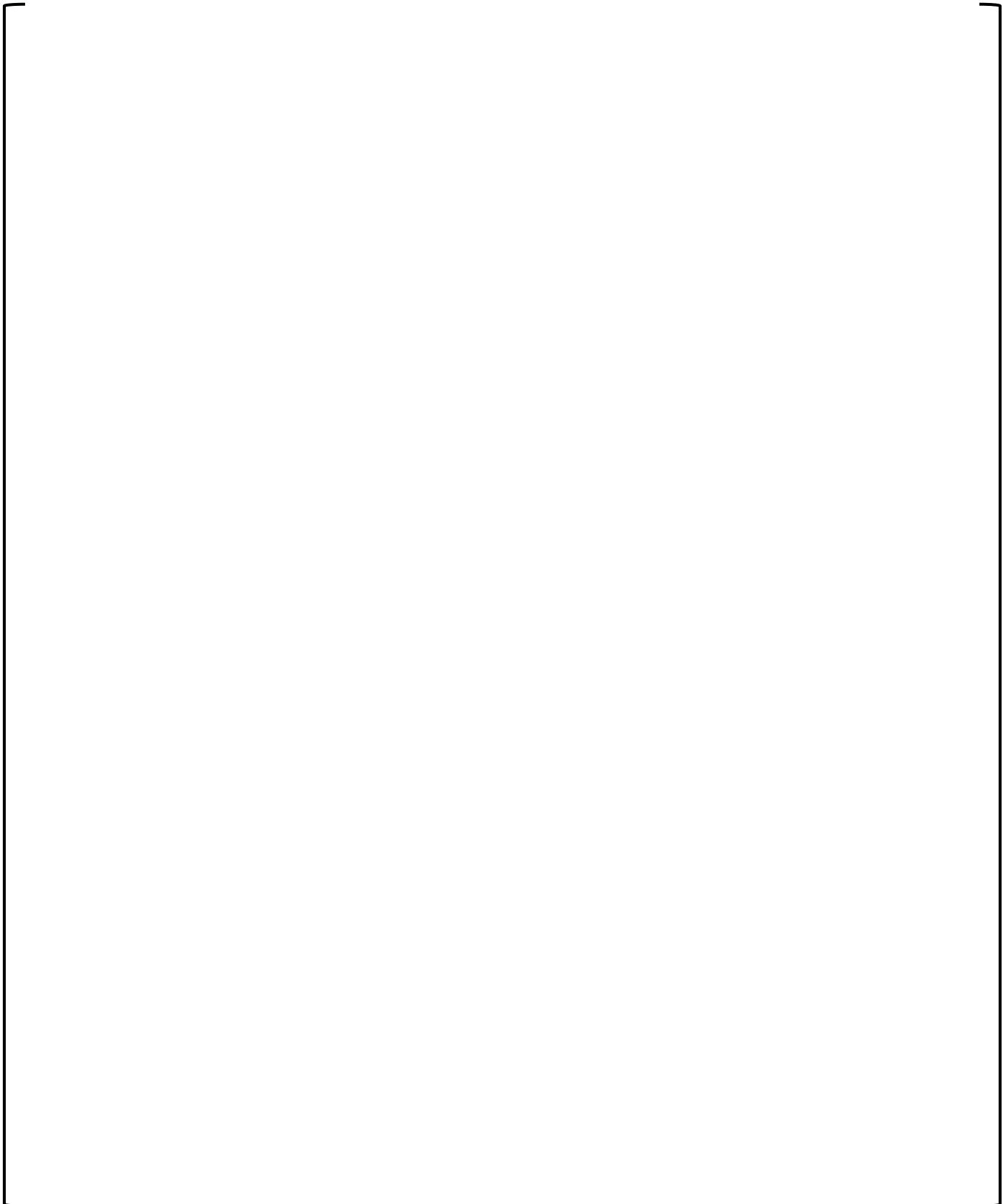
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
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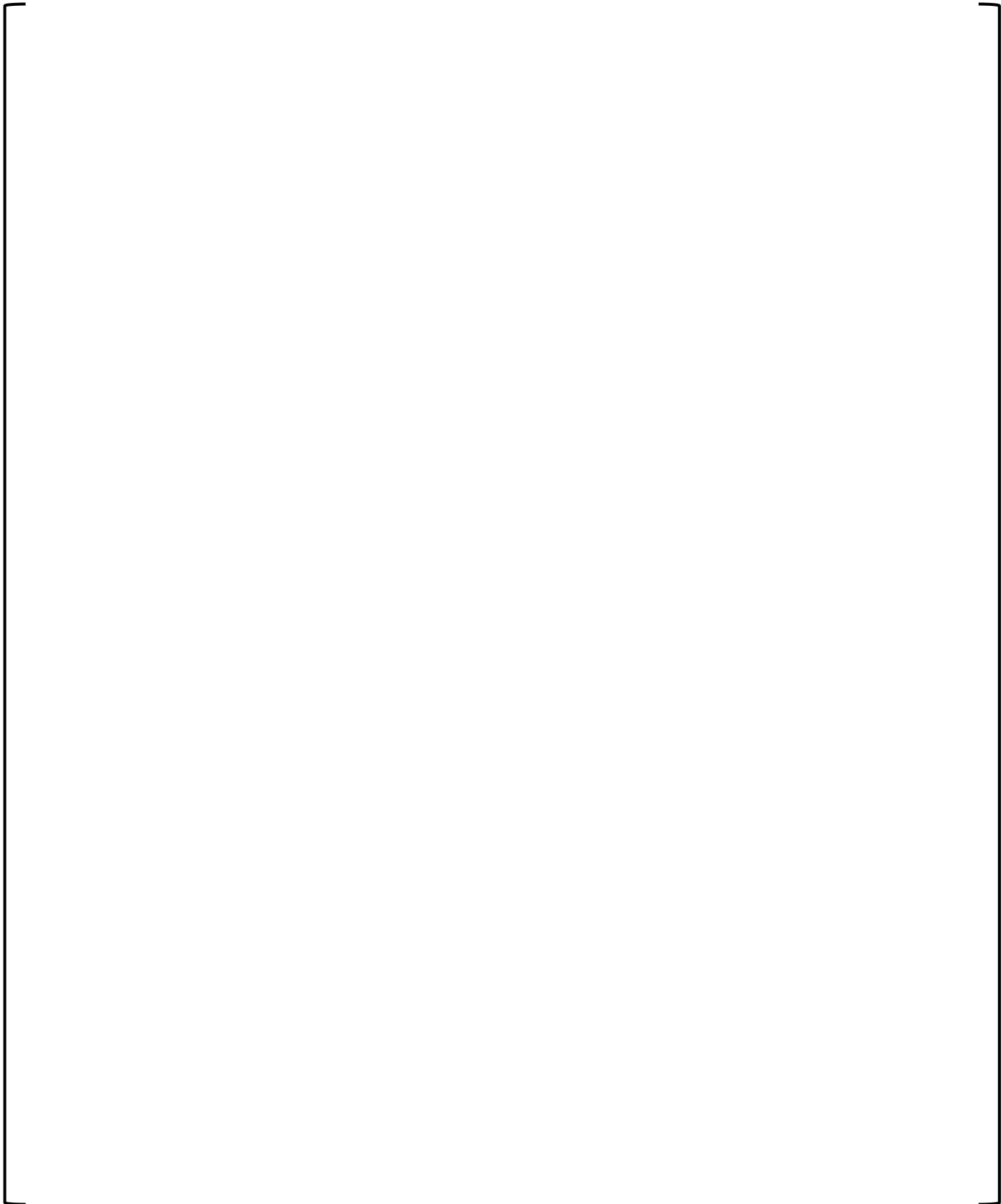
Loss of Spent Fuel Pool Cooling	3-AOP-116	
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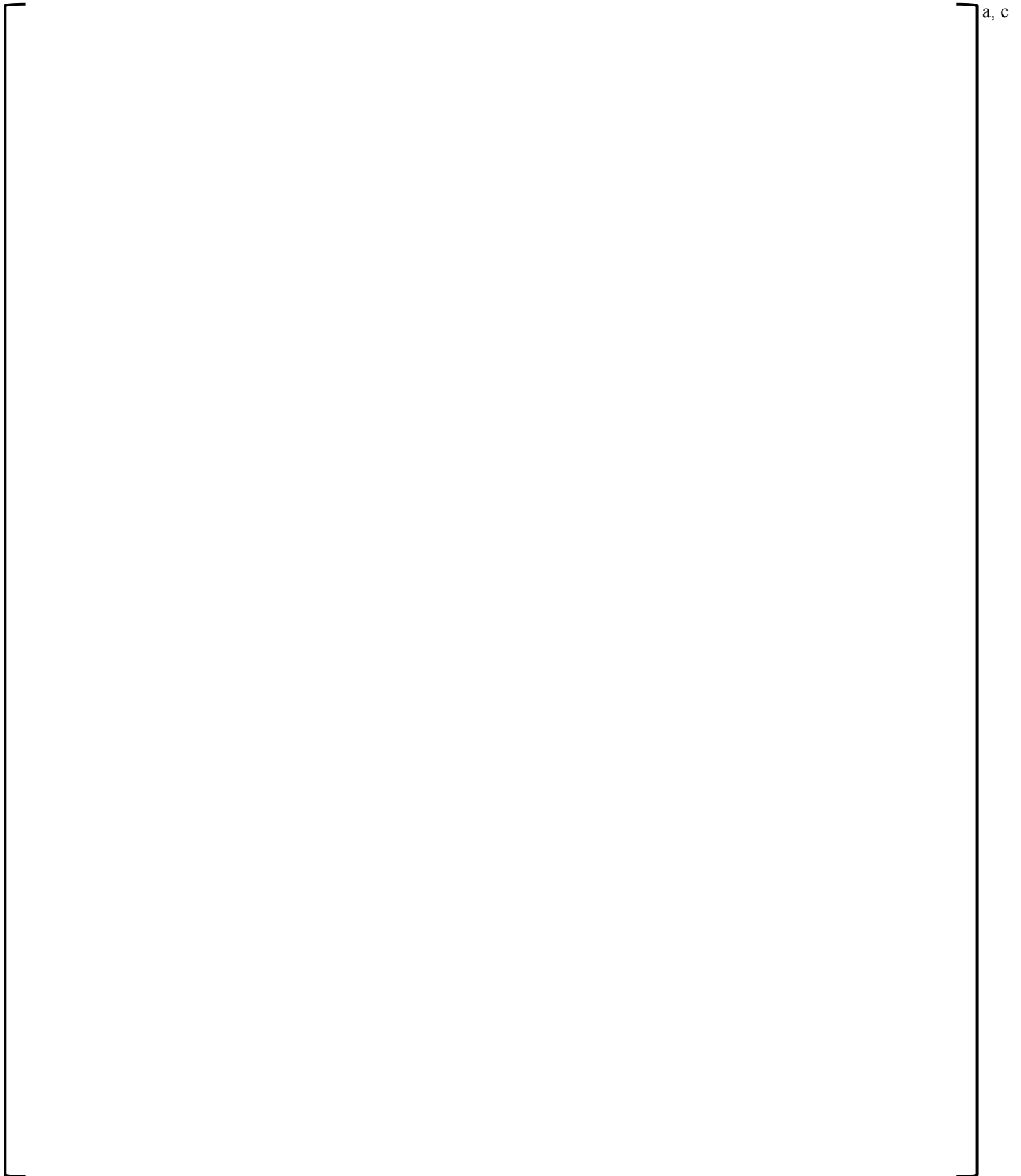
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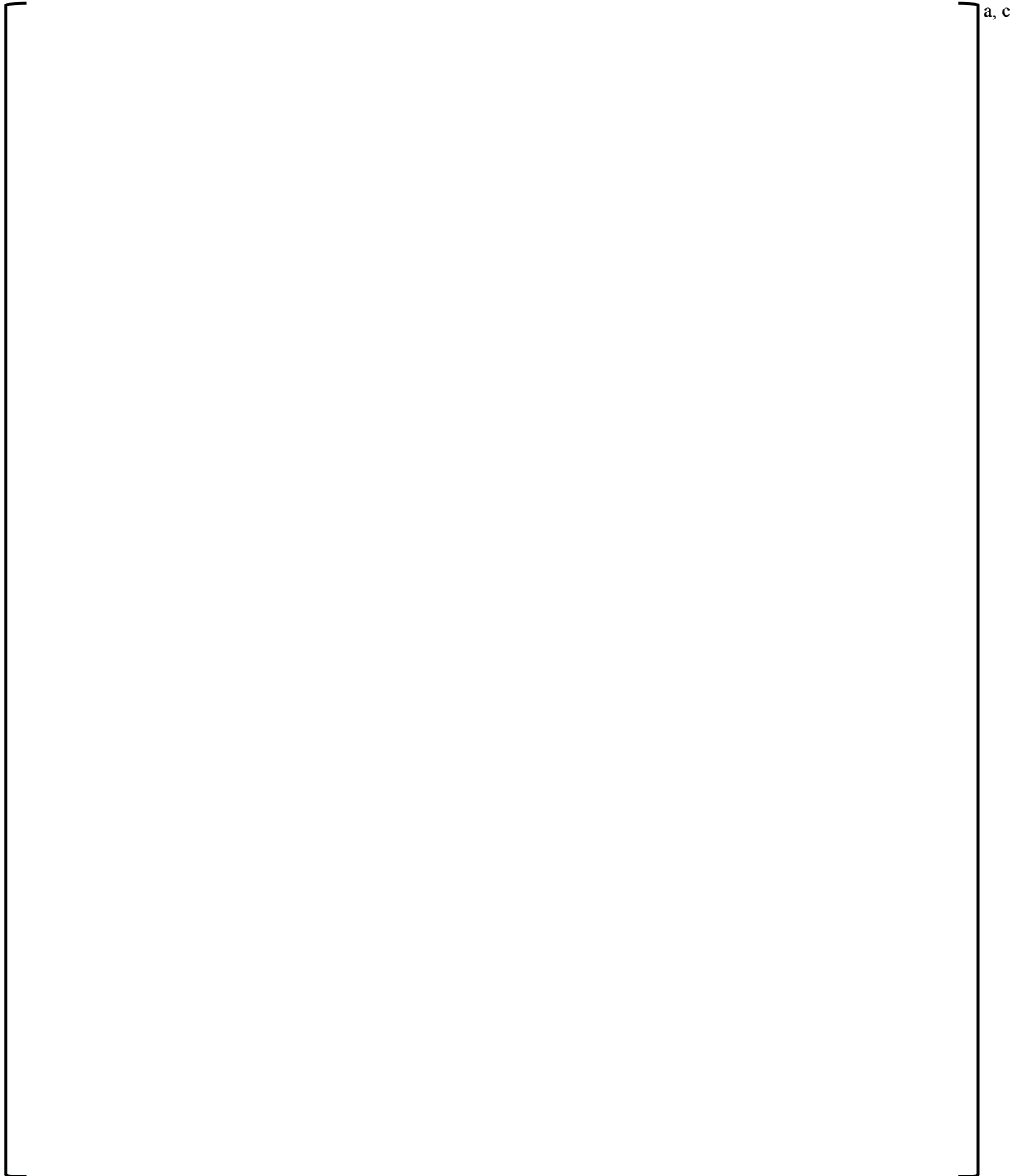
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
	Unit 3	Page 23 of 29



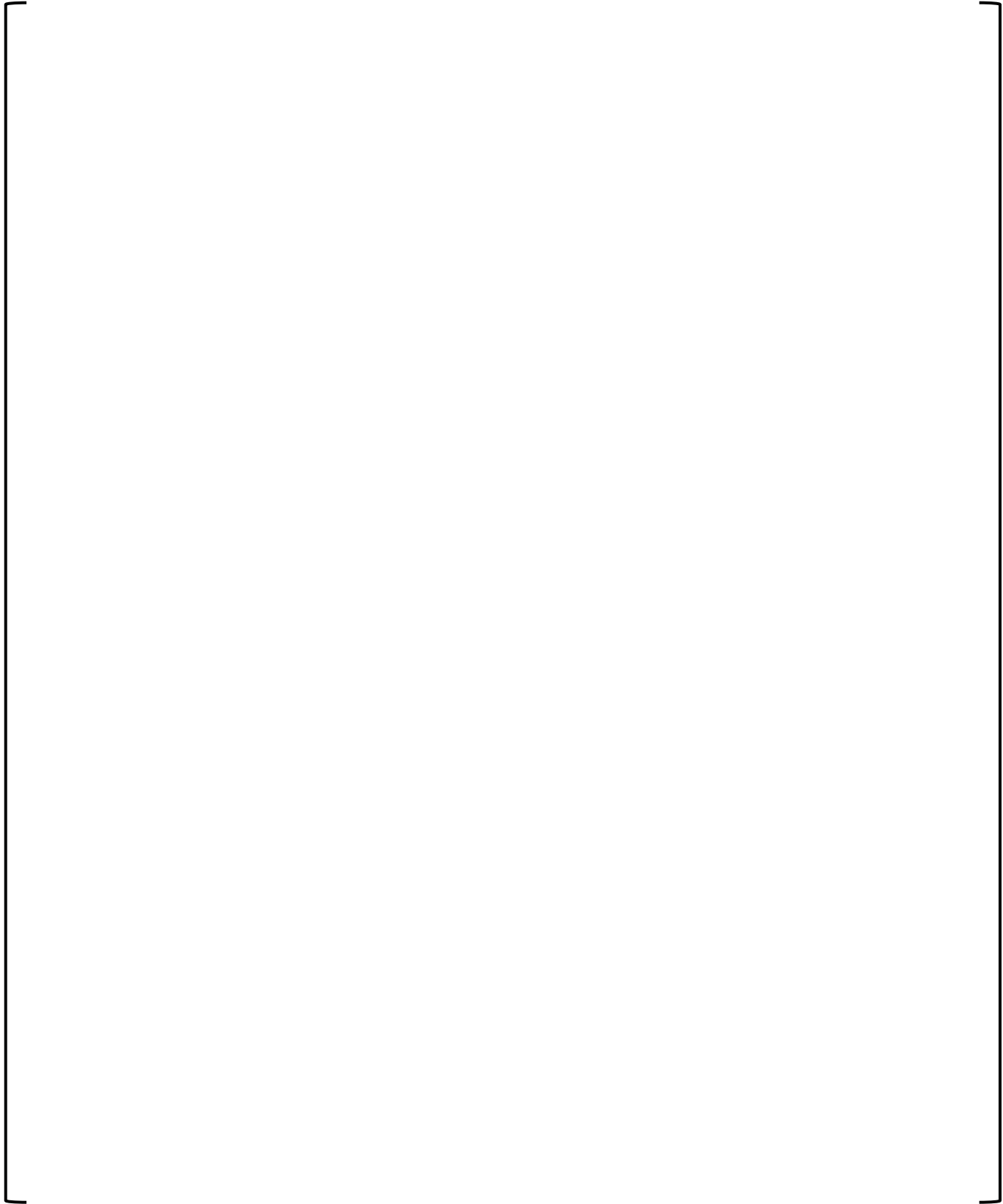
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
	Unit 3	Page 24 of 29



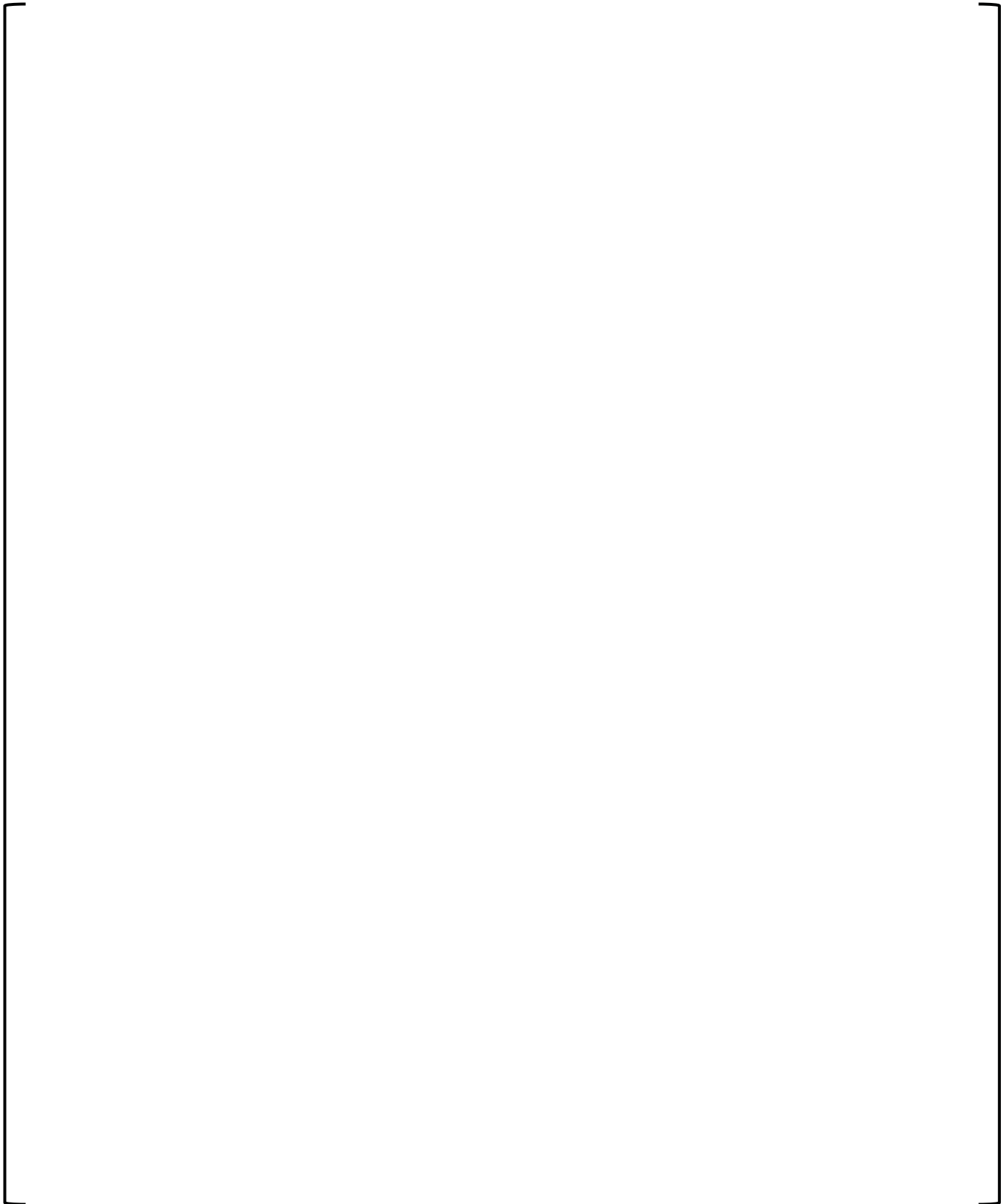
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
	Unit 3	Page 25 of 29



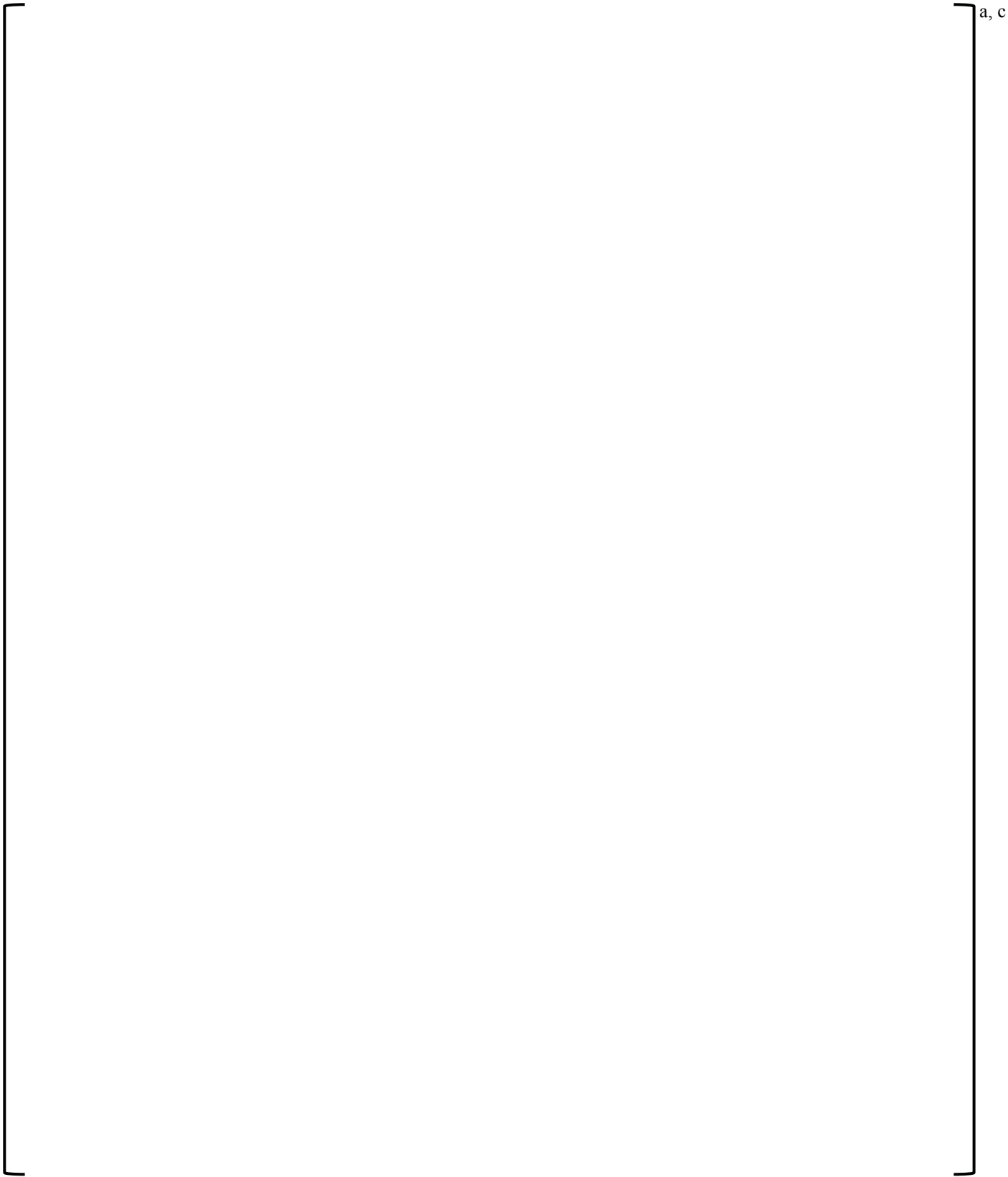
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
	Unit 3	Page 26 of 29



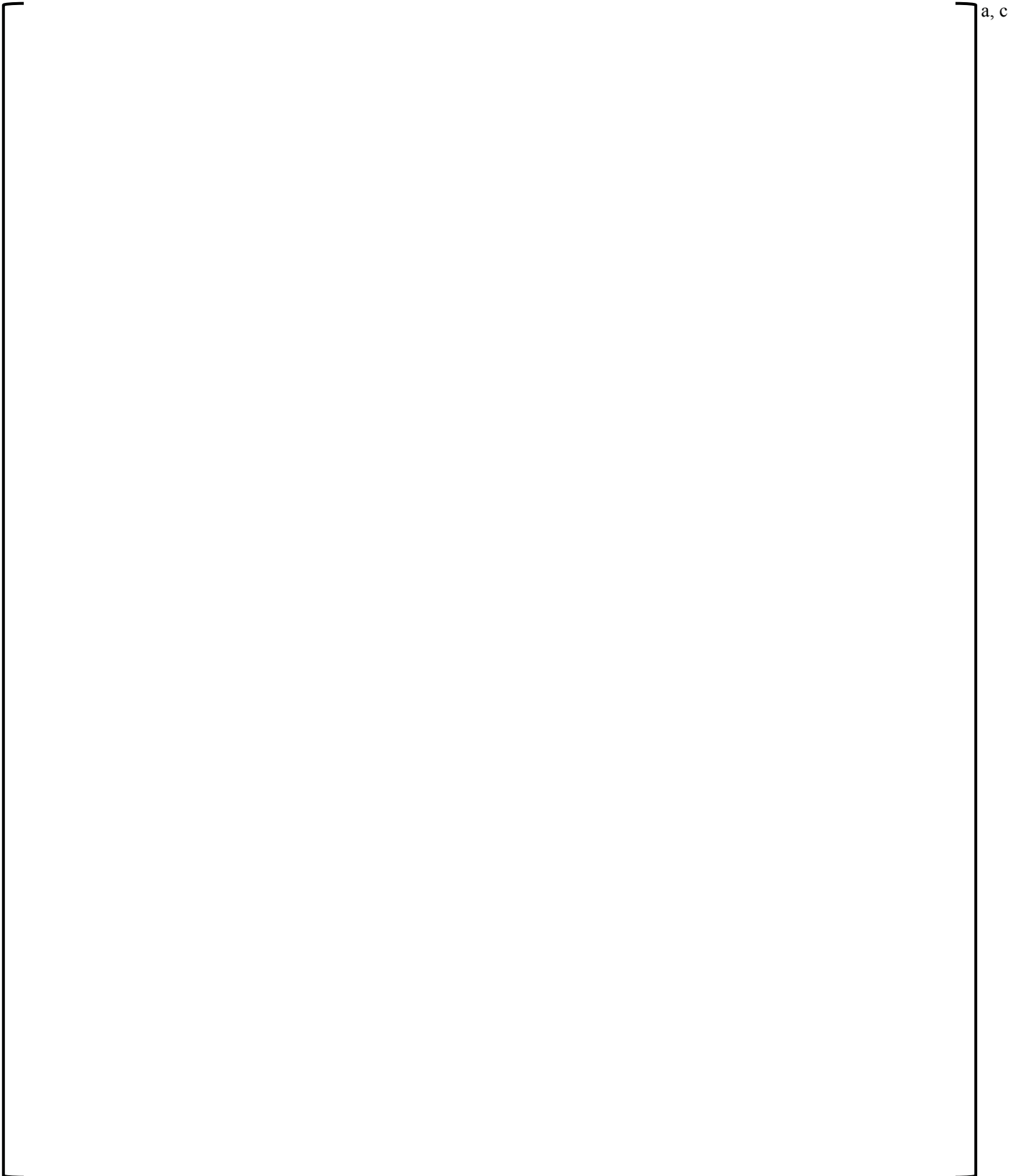
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
	Unit 3	Page 27 of 29



Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
	Unit 3	Page 28 of 29



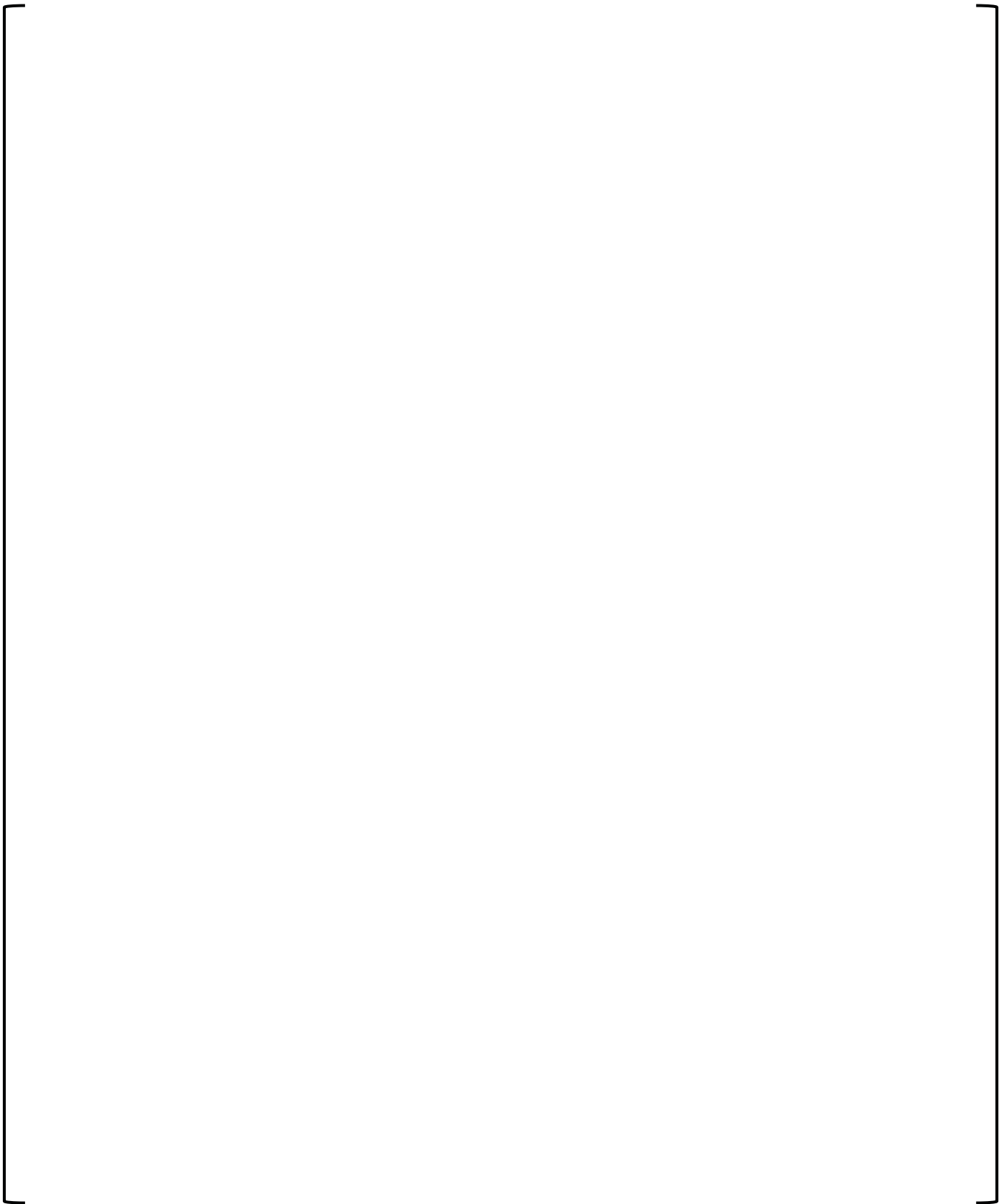
Loss of Spent Fuel Pool Cooling	3-AOP-116	
	VOGTLE	Version D=0.3
	Unit 3	Page 29 of 29



a, c

[

a, c]





a, C

ENCLOSURE 4 to CAW-17-4551

V3&4 NRC ILT-2 Admin JPMs

(Non-Proprietary)

A.1.a RO Conduct of Operations

TITLE: Identify On-Shift Manning Requirements for Conditions Provided.		
EVALUATION LOCATION:	<input type="checkbox"/> SIMULATOR	<input type="checkbox"/> CONTROL ROOM <input checked="" type="checkbox"/> CLASSROOM
PROJECTED TIME:	<u>15 MIN</u>	SIMULATOR IC NUMBER: <u>N/A</u>
<input type="checkbox"/> ALTERNATE PATH	<input type="checkbox"/> TIME CRITICAL	<input type="checkbox"/> PRA

JPM DIRECTIONS:

1. Initiation of task may be in group setting, evaluation performed individually upon completion.
2. Requiring the examinee to acquire the required references may or may not be included as part of the JPM.

TASK STANDARD: Upon successful completion of this JPM, the examinee will:

- Determine the minimum shift manning requirements of B-ADM-PLMO-002, "Shift Manning Requirements," are met.
- Determine an operator can NOT simultaneously fill the Fire Brigade member and SO shift positions on Data Sheet 2 of B-ADM-PLMO-002, "Shift Manning Requirements."

Examinee:	
Overall JPM Performance:	Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/>
Evaluator Comments (attach additional sheets if necessary)	

EXAMINER: _____

READ TO APPLICANT**DIRECTION TO APPLICANT:**

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

1. Unit 3 is at 100% Reactor Power.
2. Unit 4 is still under construction.
3. Units 1 & 2 are fully staffed.
4. The table below represents the Unit 3 Operations personnel who have arrived to receive turnover and their qualification status.

Unit 3 OPERATORS	LICENSE STATUS / QUALIFICATIONS
Mike	SRO SM, SS, STA
Eric	SRO SS, STA, SSS, Fire Brigade Leader
Robert Jason	SRO STA, SSS, Fire Brigade Leader, ENN Communicator, ENS Communicator
Bob Jarred	RO OATC, UO, ENN Communicator, ENS Communicator
Wayne James Josh Dustin Maurice Greg	NLO SO, Fire Brigade

INITIATING CUES:

1. Using the operations crew shown in the table provided, give a written response to the following questions:
 - a. Does the crew shown in the table provided satisfy the Minimum Shift Manning requirements? (NOTE: Only consider the operations crew members and not the RP or Chemistry Technicians).
 - b. Based on the crew shown in the table provided, can “Wayne” simultaneously fill the positions of Fire Brigade Member and Technical Specification System Operator?

ANSWER SHEET	
Does the crew shown in the table provided satisfy the Minimum Shift Manning requirements? (NOTE: Only consider the operations crew members and not the RP or Chemistry Technicians).	YES / NO
Based on the crew shown in the table provided can “Wayne” simultaneously fill the FB Member and a Technical Specification System Operator?	YES / NO

EVALUATION CHECKLIST

ELEMENTS:

STANDARDS:

**RESULTS:
(CIRCLE)**

____ START TIME

*	<p>1. Determine if the minimum shift manning requirements of B-ADM-PLMO-002, "Shift Manning Requirements," are met.</p>	<p>Data Sheet 2 of B-ADM-PLMO-002 and available operations personnel table are reviewed to determine if minimum shift manning requirements are met.</p> <p>(NOTE TO EXAMINER: Completion of Data Sheet 2 is NOT required to meet the critical step. The following is an example provided to aid debrief discussions with the candidate, if required. Name/position combinations may vary.</p>	<p>S / U</p>
*	<p>2. Determine if an operator can simultaneously fill two required shift positions on Data Sheet 2 of B-ADM-PLMO-002.</p>	<p>Candidate determines that the operator can NOT simultaneously fill the two required shift positions.</p>	<p>S / U</p>

____ STOP TIME

Terminate when all elements of the task have been completed.

CRITICAL ELEMENTS: Critical Elements are denoted with an asterisk (*) before the element number.

GENERAL REFERENCES:

1. B-ADM-PLMO-002 (Shift Manning Requirements), Version 0.1
2. G2.1.5 **Ability to use procedures related to shift staffing, such as minimum crew complement, or overtime limitations.**
IMPORTANCE RO 2.9

GENERAL TOOLS AND EQUIPMENT:

1. Computer with reference folder

Critical ELEMENT justification:

<u>STEP</u>	<u>Evaluation</u>
1.	Critical: Task completion: The candidate determines that sufficient personnel are available to relieve the shift.
2.	Critical: Task completion: The candidate determines that Wayne CANNOT fill the Fire Brigade member and SO roles simultaneously.

COMMENTS:

Document your answers to the following questions:

ANSWER SHEET	
Does the crew shown in the table provided satisfy the Minimum Shift Manning requirements? (NOTE: Only consider the operations crew members and not the RP or Chemistry Technicians).	YES / NO
Based on the crew shown in the table provided can "Wayne" simultaneously fill the FB Member and a Technical Specification System Operator?	YES / NO

Shift Manning Requirements	B-ADM-PLMO-002
VOGTLE Unit B	Version B=0.1 Page 9 of 10

DATA SHEET 2
Page 1 of 2

MINIMUM SHIFT MANNING (UNIT 3 IN MODE 1-4 AND UNIT 4 NOT MANNED)

DATE: _____ SHIFT (DAY/NIGHT): _____

EXAMPLE ONLY

Names may be swapped as long as the positions are filled.

POSITION	NAME
SM	Mike
	Also assigned as Emergency Director if Unit 3 is the affected Unit and for common site Emergencies
SS	Eric
OATC	Bob
UO	Jarred
SOs <small>(SOs required by Tech Specs)</small>	1. style="text-align: center; color: red;">Wayne
	2. style="text-align: center; color: red;">James
	Not assigned to Fire Brigade
STA <small>(STA-qualified SSS, SM, or SS)</small>	Mike
	May fill other rolls except FB Leader, ENN, or ENS Communicator
ENN Communicator <small>(Extra NPO or other qualified individual)</small>	Robert
	Single person may fill ENN and ENS Communicator, but no other required shift positions
ENS Communicator <small>(Extra NPO or other qualified individual)</small>	Robert
	Single person may fill ENN and ENS Communicator, but no other required shift positions
Fire Brigade Leader <small>(SSS)</small>	Jason
	May not be STA, ENN, or ENS Communicator
FB Members <small>(SOs required by UFSAR for Fire Brigade)</small>	1. style="text-align: center; color: red;">Josh
	2. style="text-align: center; color: red;">Dustin
	3. style="text-align: center; color: red;">Maurice
	4. style="text-align: center; color: red;">Greg
	Not assigned as SO for Tech Specs
Security <small>(Security Captain verifies staffing IAW Security Plan)</small>	Shared Resource with Units 1&2

Printed 08/21/2016 at 17:54:00

APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

1. Unit 3 is at 100% Reactor Power.
2. Unit 4 is still under construction.
3. Units 1 & 2 are fully staffed.
4. The table below represents the Unit 3 Operations personnel who have arrived to receive turnover and their qualification status.

Unit 3 OPERATORS	LICENSE STATUS / QUALIFICATIONS
Mike	SRO SM, SS, STA
Eric	SRO SS, STA, SSS, Fire Brigade Leader
Robert Jason	SRO STA, SSS, Fire Brigade Leader, ENN Communicator, ENS Communicator
Bob Jarred	RO OATC, UO, ENN Communicator, ENS Communicator
Wayne James Josh Dustin Maurice Greg	NLO SO, Fire Brigade

INITIATING CUES:

1. Using the operations crew shown in the table provided, give a written response to the following questions:
 - a. Does the crew shown in the table provided satisfy the Minimum Shift Manning requirements? (NOTE: Only consider the operations crew members and not the RP or Chemistry Technicians).
 - b. Based on the crew shown in the table provided, can “Wayne” simultaneously fill the positions of Fire Brigade Member and Technical Specification System Operator?

ANSWER SHEET	
Does the crew shown in the table provided satisfy the Minimum Shift Manning requirements? (NOTE: Only consider the operations crew members and not the RP or Chemistry Technicians).	YES / NO
Based on the crew shown in the table provided can “Wayne” simultaneously fill the FB Member and a Technical Specification System Operator?	YES / NO

A.1.b RO Conduct of Operations ADMIN G2.1.17

TITLE: Perform TRS 3.8.3.2 using 3-ECS-OTS-17-001		
EVALUATION LOCATION:	<input type="checkbox"/> SIMULATOR	<input type="checkbox"/> CONTROL ROOM <input checked="" type="checkbox"/> CLASSROOM
PROJECTED TIME:	<u>25 MIN</u>	SIMULATOR IC NUMBER: <u>N/A</u>
<input type="checkbox"/> ALTERNATE PATH	<input type="checkbox"/> TIME CRITICAL	<input type="checkbox"/> PRA

JPM DIRECTIONS:

1. Initiation of task may be in group setting, evaluation performed individually upon completion.
2. Requiring the examinee to acquire the required references may or may not be included as part of the JPM.

TASK STANDARD: Upon successful completion of this JPM, the examinee will:

- Evaluate and determine that 2 data entries are incorrect
- Explain why the surveillance is not met

Examinee:
Overall JPM Performance: <u>Satisfactory</u> <input type="checkbox"/> <u>Unsatisfactory</u> <input type="checkbox"/>
Evaluator Comments (attach additional sheets if necessary)

EXAMINER: _____

READ TO APPLICANT

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

- 1. Unit 3 is in MODE 5.

INITIATING CUES:

[

]

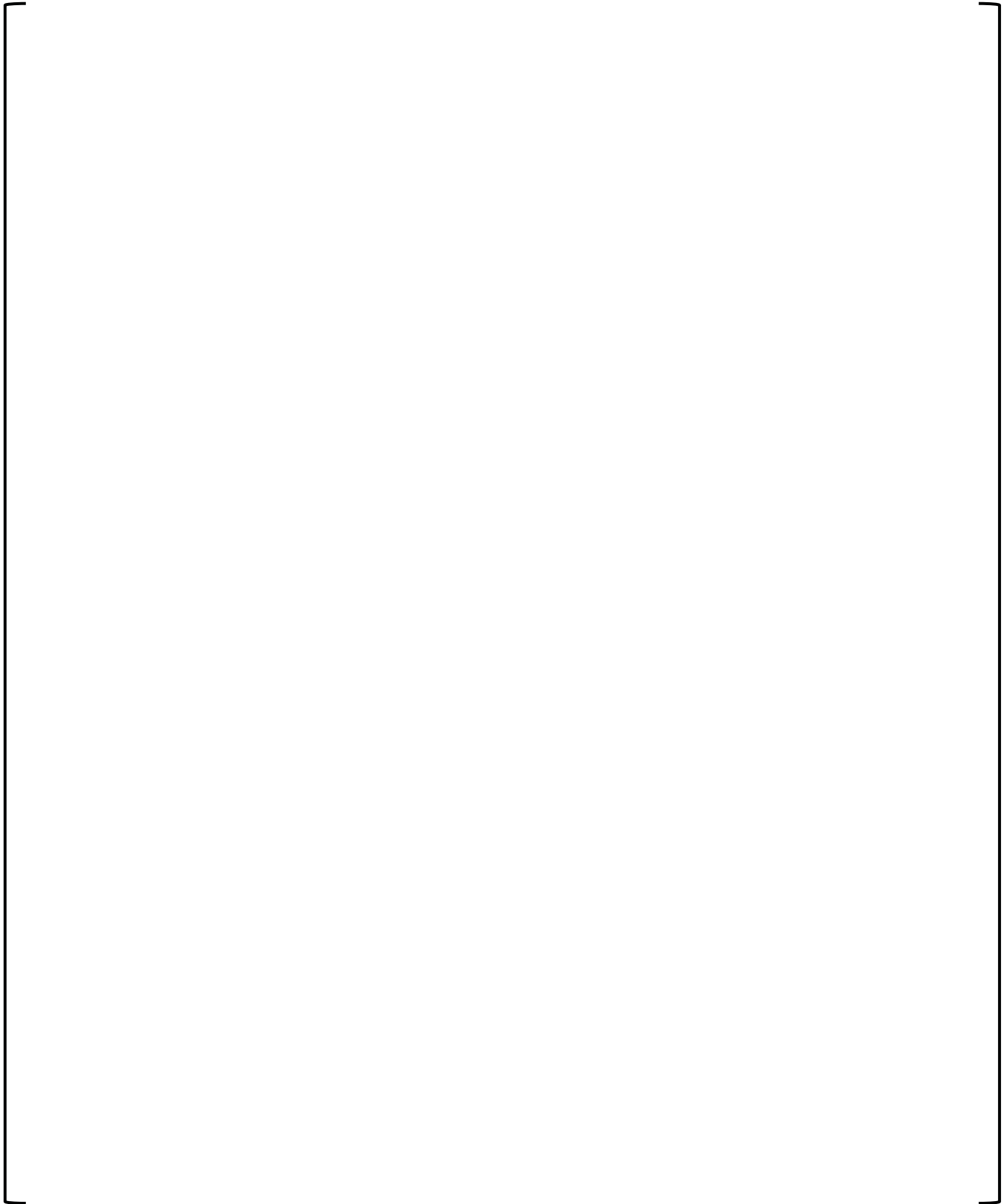
a, c

- 2. Determine if any errors exist and document your results by circling any applicable errors on Attachment 1 and Attachment 2.
- 3. Explain any errors identified.

EVALUATION CHECKLIST

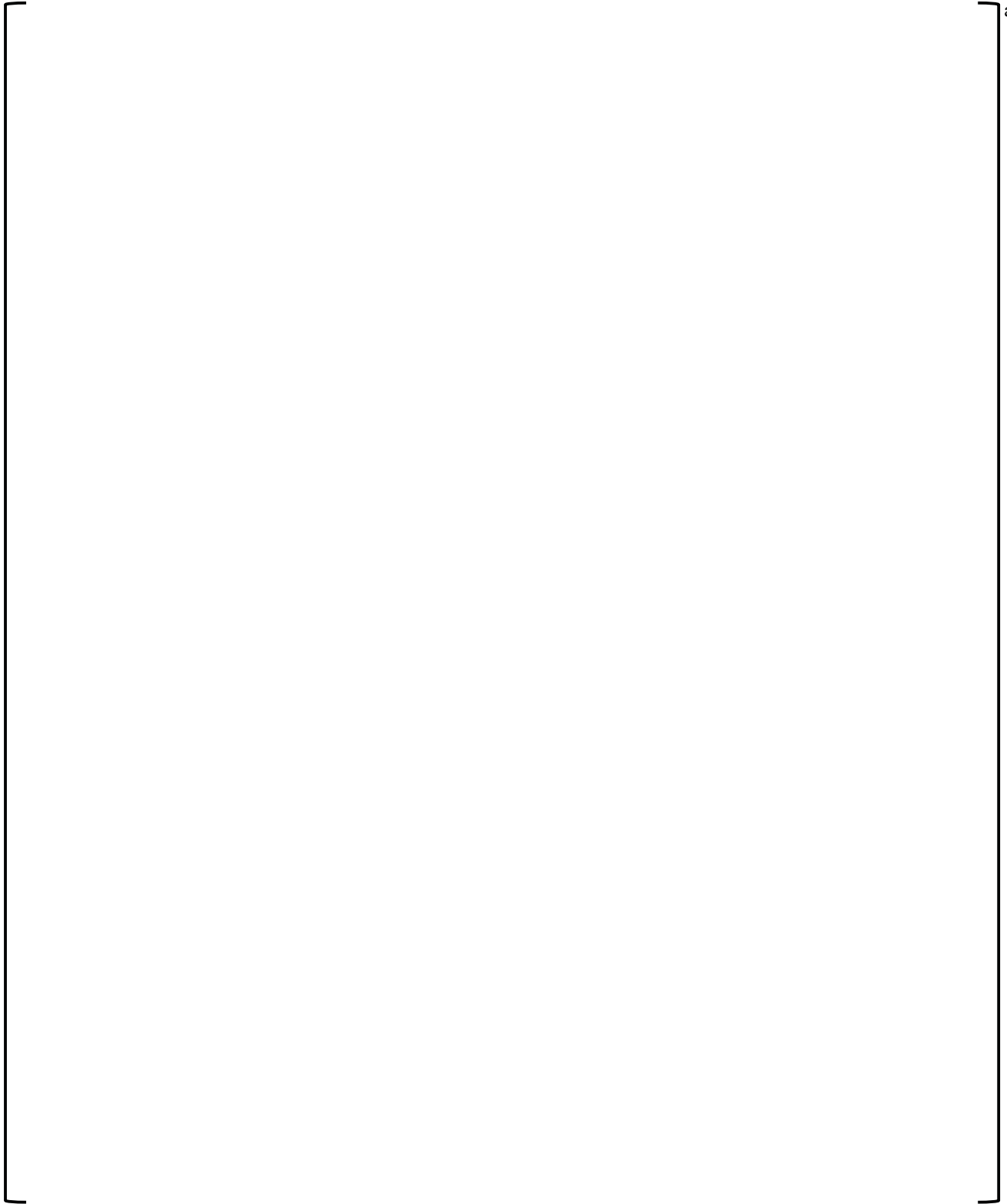
[a, c]

CRITICAL ELEMENTS:



a, c

a, c



APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

1. Unit 3 is in MODE 5.

INITIATING CUES:



a, c

2. Determine if any errors exist and document your results by circling any applicable errors on Attachment 1 and Attachment 2.
3. Explain any errors identified.

a, c

a, c

a, c

a, c

a, c

a, c

a, c

a, c

a, c

a, c

A.2 RO

A.2 RO Equipment Control

TITLE: Perform 3-Gen-OTS-17-004 (31 Day and 31 Effective Full Power Days Technical Specification Surveillance)		
EVALUATION LOCATION:	<input type="checkbox"/> SIMULATOR	<input type="checkbox"/> CONTROL ROOM <input checked="" type="checkbox"/> CLASSROOM
PROJECTED TIME:	<u>50 MIN</u>	SIMULATOR IC NUMBER: <u>N/A</u>
<input type="checkbox"/> ALTERNATE PATH	<input type="checkbox"/> TIME CRITICAL	<input type="checkbox"/> PRA

JPM DIRECTIONS:

1. Initiation of task may be in group setting, evaluation performed individually upon completion.
2. Requiring the examinee to acquire the required references may or may not be included as part of the JPM.

TASK STANDARD: Upon successful completion of this JPM, the examinee will:

- Perform 3-Gen-OTS-17-004 (with the exception of the field portion)
- Determines that breakers for IRWST Injection line valves are NOT in the correct position
- Determines that valves PXS-V117A/B are NOT in the correct position
- Notifies the SM that 2 breakers and 2 valves are NOT in the correct position

Examinee:	
Overall JPM Performance:	Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/>
Evaluator Comments (attach additional sheets if necessary)	

EXAMINER: _____

READ TO APPLICANT

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

[] a, c

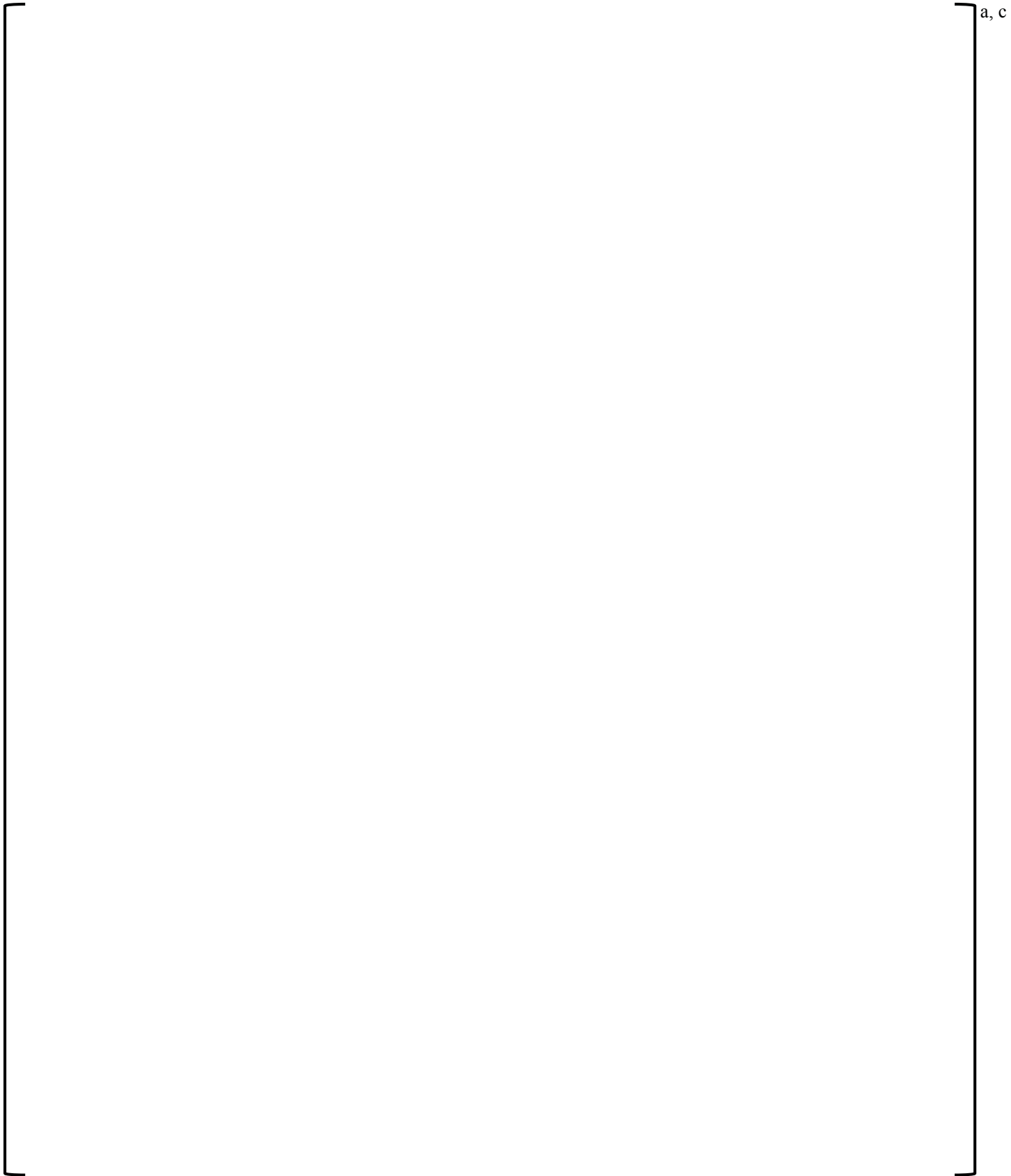
EVALUATION CHECKLIST

[a, c]

CRITICAL ELEMENTS:

A large, empty rectangular box with a thin black border. On the right side of the box, there is a vertical bracket that spans most of the box's height. To the right of the top of this bracket, the text "a, c" is written.

a, c



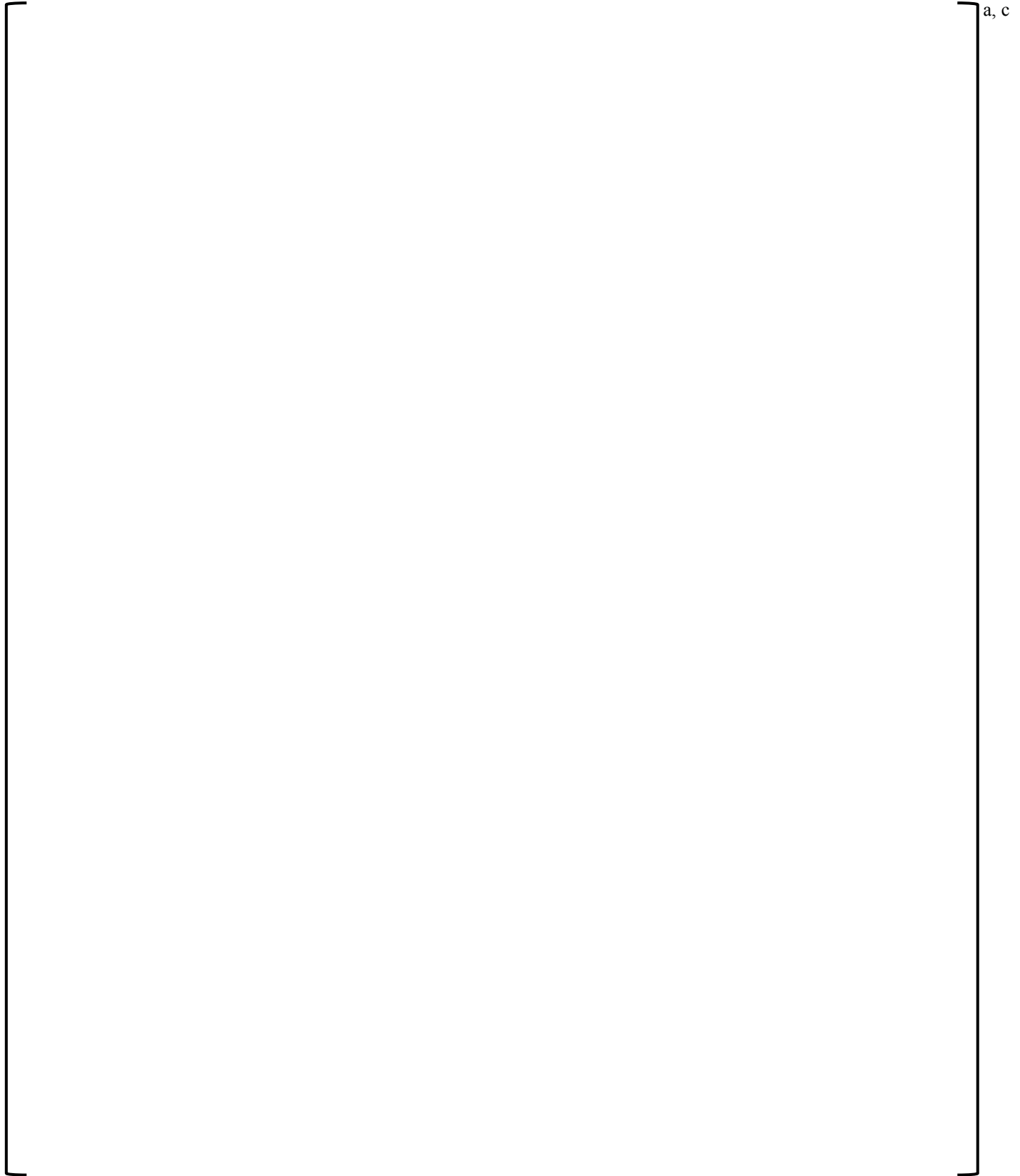
a, c

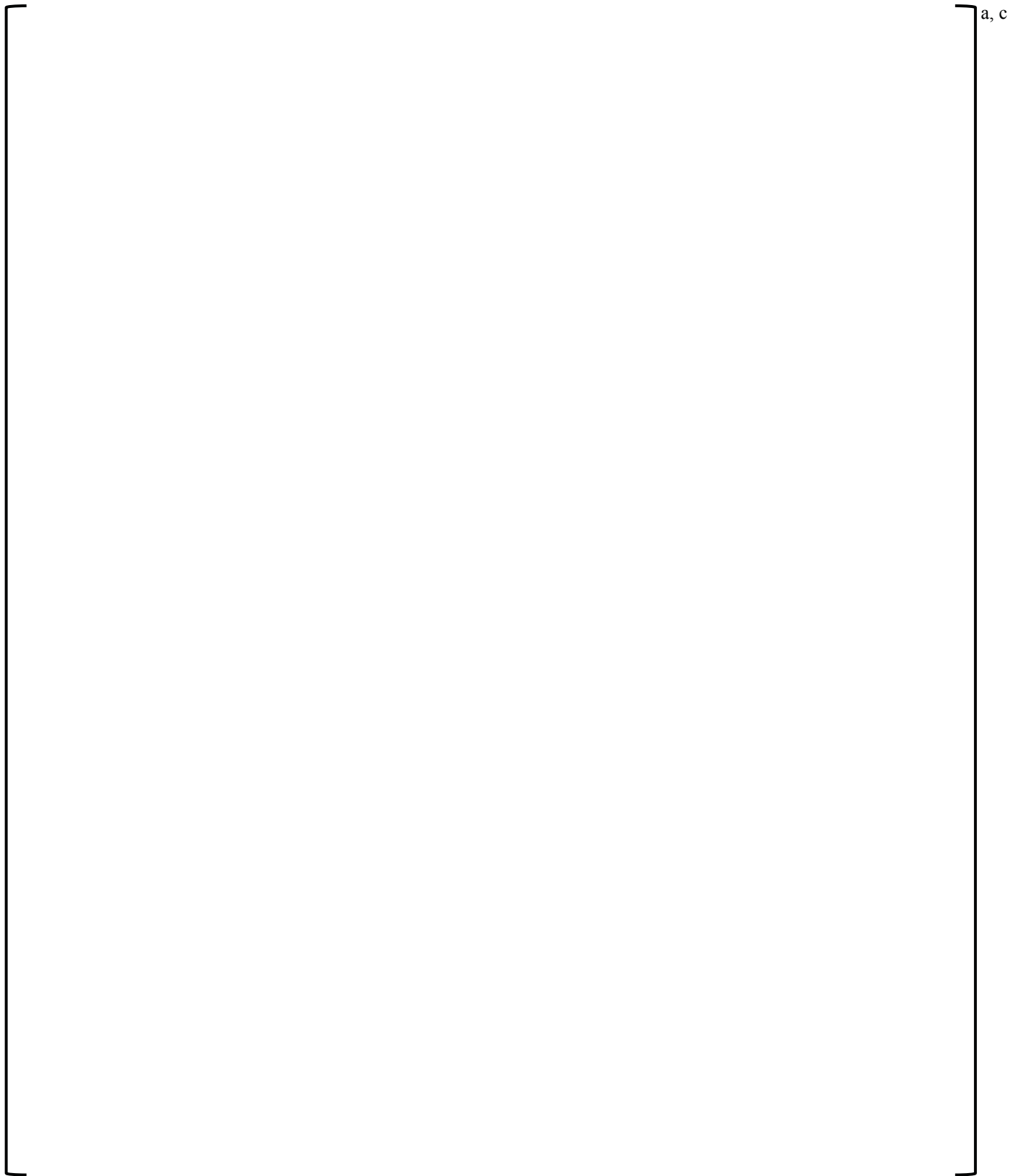


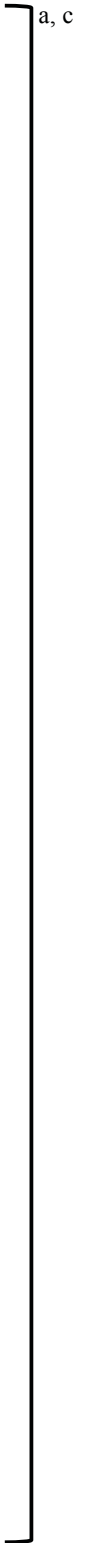
a, c



a, c







APPLICANT CUE SHEET

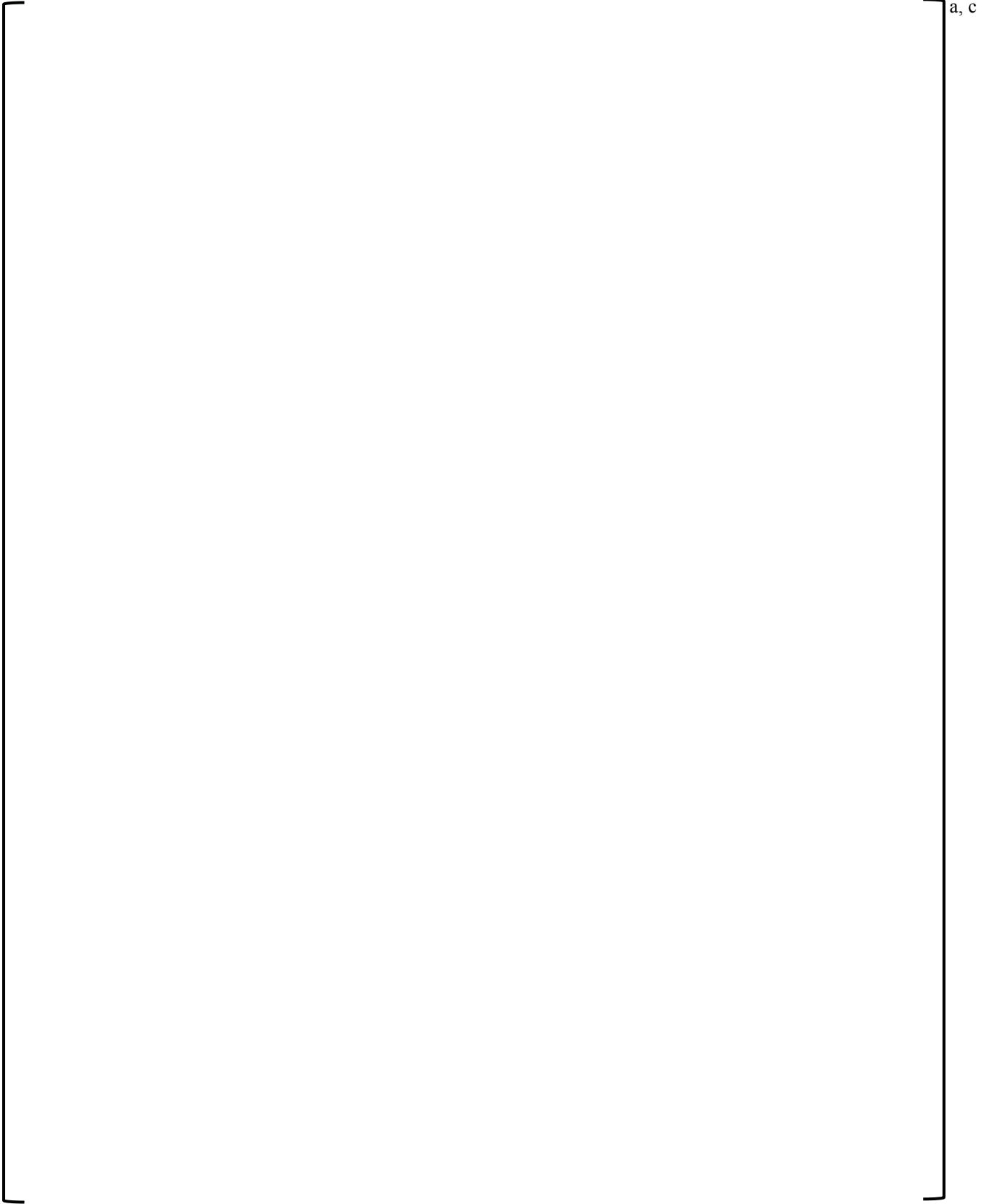
(RETURN TO EXAMINER UPON COMPLETION OF TASK)

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

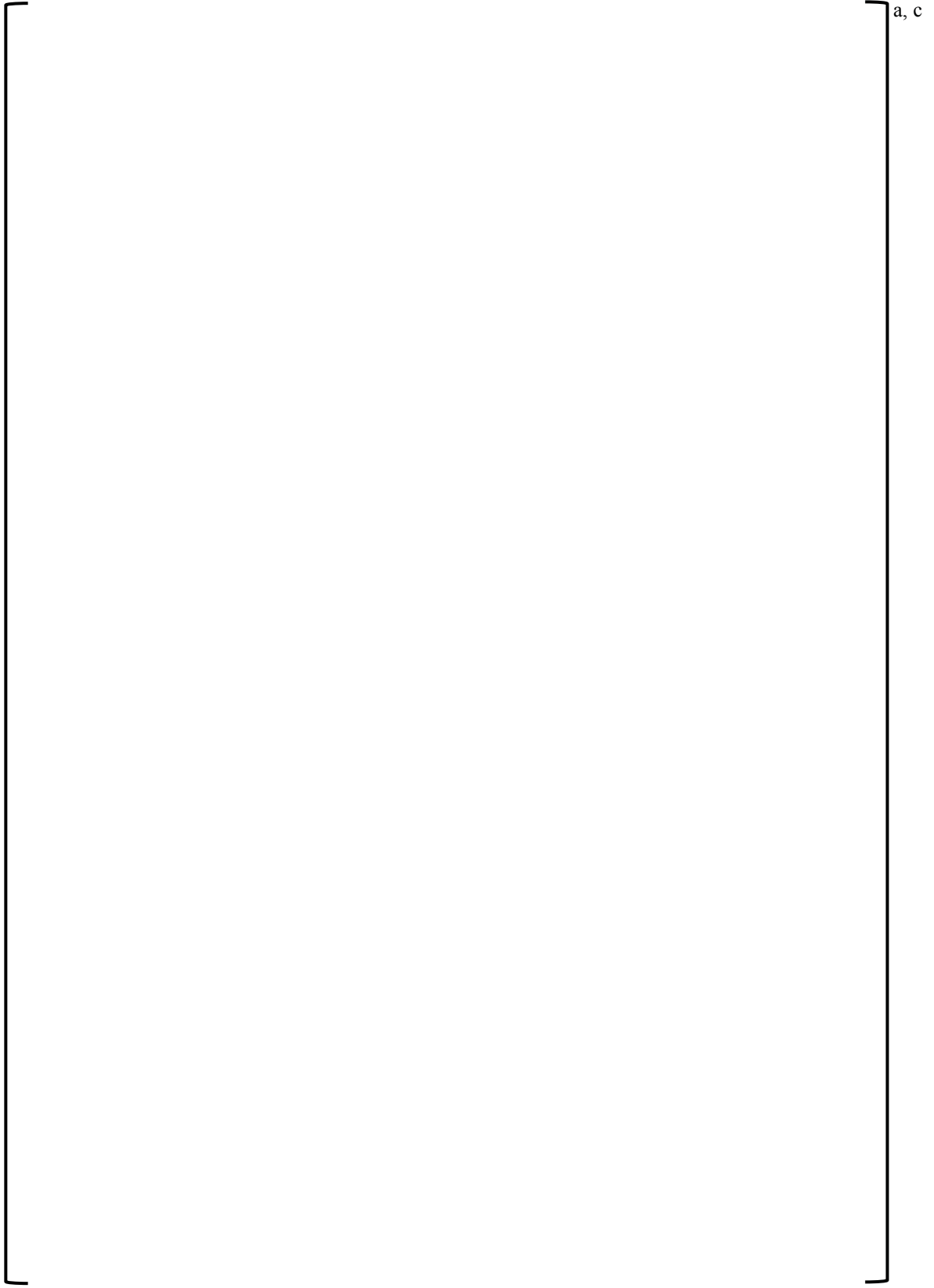
INITIAL CONDITIONS:

a, c



[

] a, c



a, c

a, c

a, c

a, c

a, c

a, c

a, c

a, c

a, c

a, c

a, c

a, c

a, c

a, c

a, c

a, c

a, c

a, c

a, c

Page 68 of 154

V3&4 NRC ILT-2 Admin JPMs (Non-Proprietary)

Westinghouse Non-Proprietary Class 3

a, c

a, c

a, c

a, c

A.3 RO Radiation Control

TITLE: Select Correct RWP, calculate projected dose, and determine if a task can be performed within limits of the RWP		
EVALUATION LOCATION:	<input type="checkbox"/> SIMULATOR <input type="checkbox"/> CONTROL ROOM <input checked="" type="checkbox"/> CLASSROOM	
PROJECTED TIME:	<u>15 MIN</u> SIMULATOR IC NUMBER: <u>N/A</u>	
<input type="checkbox"/> ALTERNATE PATH <input type="checkbox"/> TIME CRITICAL <input type="checkbox"/> PRA		

JPM DIRECTIONS:

1. Initiation of task may be in group setting, evaluation performed individually upon completion.
2. Requiring the examinee to acquire the required references may or may not be included as part of the JPM.

TASK STANDARD: Upon successful completion of this JPM, the examinee will:

- Identify RWP 17-0105 as the correct RWP for the task.
- Calculate the projected total gamma dose of 73 to 74 mrem.
- Determine the task can be completed without exceeding the RWP dose limit.

Examinee:	
Overall JPM Performance:	Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/>
Evaluator Comments (attach additional sheets if necessary)	

EXAMINER: _____

READ TO APPLICANT**DIRECTION TO APPLICANT:**

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

[

] a, c

3. Your accumulated dose for this year to date is 920 mrem.
4. Based on previous actions to stage the materials for the job, the TOTAL round-trip TRANSIT dose will be 2 mrem.
5. The TOTAL time at the job site will be 6 minutes.
6. The job will be completed by one individual on one entry.
7. ASSUME NEUTRON DOSE Exposure NEGLIGIBLE.

INITIATING CUES:

1. Using the survey map and the two RWPs provided, determine and document in the table provided:
 - a. The correct RWP to use for this task.
 - b. Your projected total gamma dose for the job **AND** transit.
 - c. State the reason you can or cannot perform the task without exceeding any limits.
2. A pre-job brief is **NOT** required.

EVALUATION CHECKLIST

a, c

EVALUATION CHECKLIST



CRITICAL ELEMENTS: Critical Elements are denoted with an asterisk (*) before the element number.

GENERAL REFERENCES:

1. NMP-HP-001, "Radiation Protection Standard Practices"
2. **G2.3.7 Knowledge of radiological safety procedures pertaining to licensed operator duties, such as response to radiation monitor alarms, containment entry requirements, fuel handling responsibilities, access to locked high-radiation areas, or aligning filters.**
IMPORTANCE RO 3.4

GENERAL TOOLS AND EQUIPMENT:

1. Calculator
2. Survey map
3. RWP 17-0105
4. RWP 17-0123
5. Computer with reference folder

Critical ELEMENT justification:

<u>STEP</u>	<u>Evaluation</u>
1.	Critical: Task completion: Candidate selects correct RWP based on exposure levels.
2.	Critical: Task completion: Candidate determines exposure.
3.	Critical: Task completion: Candidate determines the task can be performed.
4.	Critical: Task completion: Candidate determines dose limit will NOT be exceeded.

COMMENTS:

a, c

APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

[

] a, c

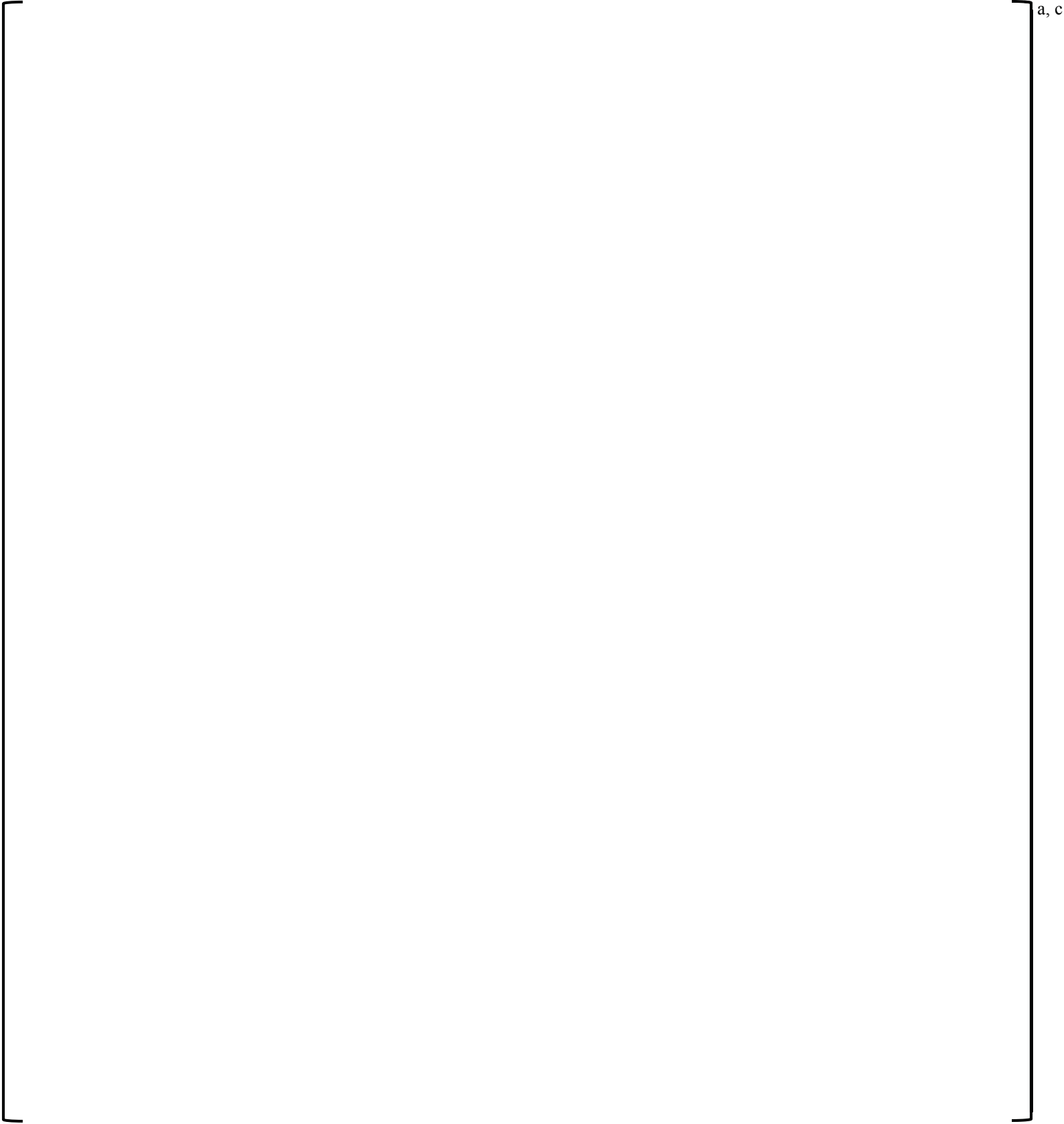
3. Your accumulated dose for this year to date is 920 mrem.
4. Based on previous actions to stage the materials for the job, the TOTAL round-trip TRANSIT dose will be 2 mrem.
5. The TOTAL time at the job site will be 6 minutes.
6. The job will be completed by one individual on one entry.
7. ASSUME NEUTRON DOSE Exposure NEGLIGIBLE.

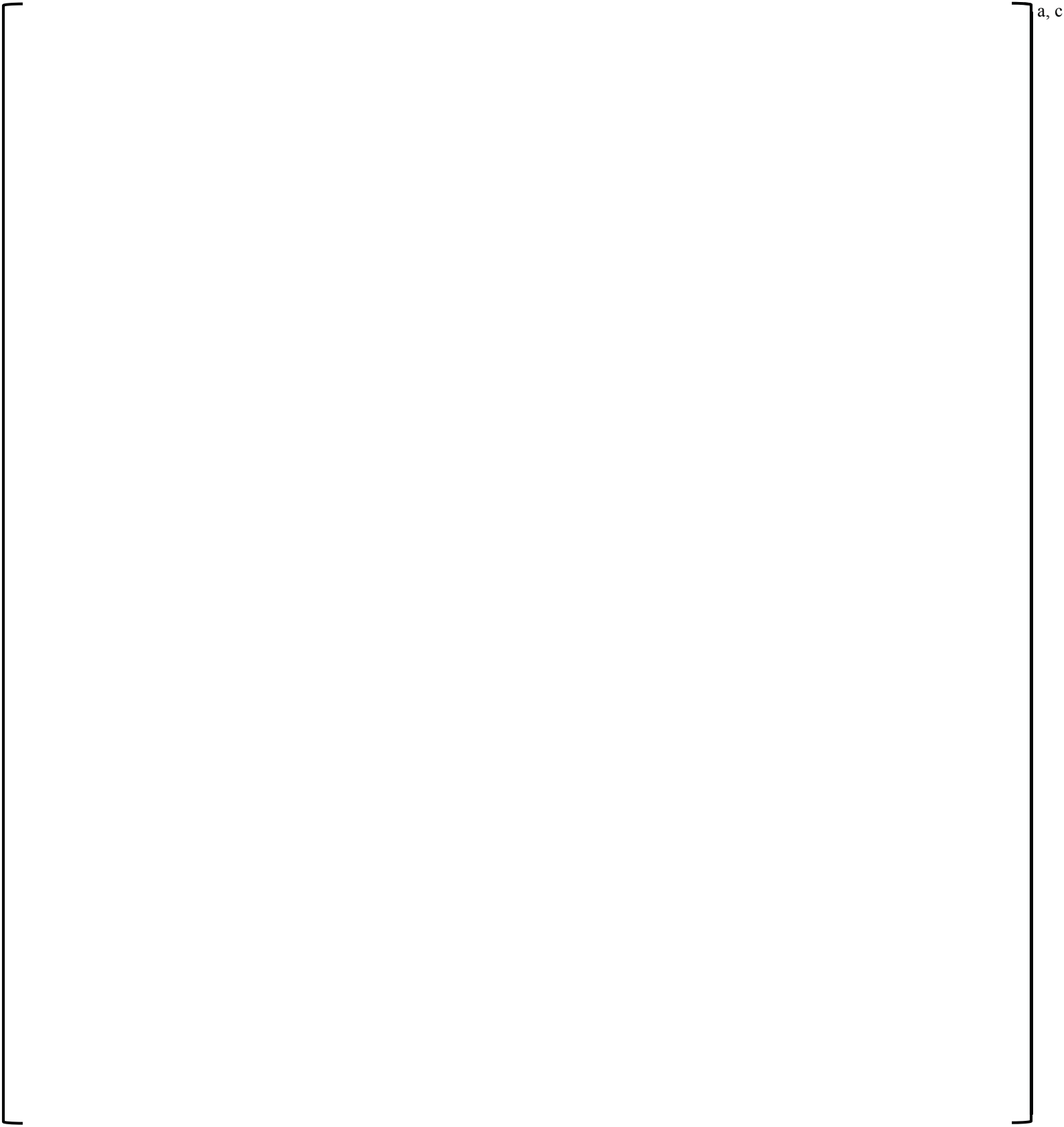
INITIATING CUES:

1. Using the survey map and the two RWPs provided, determine and document in the table provided:
 - a. The correct RWP to use for this task.
 - b. Your projected total gamma dose for the job **AND** transit.
 - c. State the reason you can or cannot perform the task without exceeding any limits.
2. A pre-job brief is **NOT** required.

ANSWER SHEET	
Correct RWP for task	
Total projected dose for the job and transit	
Can you complete this task without exceeding ANY limits?	YES / NO
REASON	

a, c





A.1.a SRO Conduct of Operations

TITLE: Identify On-Shift Manning Requirements for Conditions Provided.		
EVALUATION LOCATION:	<input type="checkbox"/> SIMULATOR <input type="checkbox"/> CONTROL ROOM <input checked="" type="checkbox"/> CLASSROOM	
PROJECTED TIME:	<u> 20 MIN </u> SIMULATOR IC NUMBER: <u> N/A </u>	
<input type="checkbox"/> ALTERNATE PATH <input type="checkbox"/> TIME CRITICAL <input type="checkbox"/> PRA		

JPM DIRECTIONS:

1. Initiation of task may be in group setting, evaluation performed individually upon completion.
2. Requiring the examinee to acquire the required references may or may not be included as part of the JPM.

TASK STANDARD: Upon successful completion of this JPM, the examinee will:

- Determine the minimum shift manning requirements of B-ADM-PLMO-002, “Shift Manning Requirements,” are met.
- Determine an operator can NOT simultaneously fill the Fire Brigade member and SO shift positions on Data Sheet 2 of B-ADM-PLMO-002, “Shift Manning Requirements.”
- Determine Technical Specification actions necessary when minimum shift manning is not maintained.

Examinee:
Overall JPM Performance: <u> Satisfactory </u> <input type="checkbox"/> <u> Unsatisfactory </u> <input type="checkbox"/>
Evaluator Comments (attach additional sheets if necessary)

EXAMINER: _____

READ TO APPLICANT**DIRECTION TO APPLICANT:**

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

1. Unit 3 is at 100% Reactor Power.
2. Unit 4 is still under construction.
3. Units 1 & 2 are at fully staffed.
4. The table below represents the Unit 3 Operations personnel who have arrived to receive turnover and their qualification status.

Unit 3 OPERATORS	LICENSE STATUS / QUALIFICATIONS
Mike	SRO SM, SS, STA
Eric	SRO SS, STA, SSS, Fire Brigade Leader
Robert Jason	SRO STA, SSS, Fire Brigade Leader, ENN Communicator, ENS Communicator
Bob Jarred	RO OATC, UO, ENN Communicator, ENS Communicator
Wayne James Josh Dustin Maurice Greg	NLO SO, Fire Brigade

INITIATING CUES:

1. Using the operations crew shown in the table provided, give a written response to the following questions:
 - a. Does the crew shown in the table provided satisfy the Minimum Shift Manning requirements? (NOTE: Only consider the operations crew members and not the RP or Chemistry Technicians).
 - b. Based on the crew shown in the table provided, can “Wayne” simultaneously fill the positions of Fire Brigade Member and Technical Specification System Operator?
 - c. If, at any time, Mike has a medical emergency and needs to leave the site unexpectedly, what Technical Specification action, if any, are required to be taken?

ANSWER SHEET	
<p>Does the crew shown in the table provided satisfy the Minimum Shift Manning requirements? (NOTE: Only consider the operations crew members and not the RP or Chemistry Technicians).</p>	<p>YES / NO</p>
<p>Based on the crew shown in the table provided can “Wayne” simultaneously fill the FB Member and a Technical Specification System Operator?</p>	<p>YES / NO</p>
<p>If, at any time, Mike has a medical emergency and needs to leave the site unexpectedly, what Technical Specification action, if any, are required to be taken?</p>	

EVALUATION CHECKLIST

ELEMENTS:

STANDARDS:

**RESULTS:
(CIRCLE)**

_____ START TIME

*	1. Determine if the minimum shift manning requirements of B-ADM-PLMO-002, "Shift Manning Requirements," are met.	Data Sheet 2 of B-ADM-PLMO-002 and available operations personnel table are reviewed to determine if minimum shift manning requirements are met. (NOTE TO EXAMINER: Completion of Data Sheet 2 is NOT required to meet the critical step. The following is an example provided to aid debrief discussions with the candidate, if required. Name/position combinations may vary.	S / U
*	2. Determine if an operator can simultaneously fill two required shift positions on Data Sheet 2 of B-ADM-PLMO-002.	Candidate determines that the operator can NOT simultaneously fill the two required shift positions.	S / U
*	3. State the Technical Specification action that must be taken if minimum shift manning requirements are not met.	Candidate states that immediate action is taken to ensure the minimum shift manning requirements are met within two hours.	S / U

_____ STOP TIME

Terminate when all elements of the task have been completed.
--

CRITICAL ELEMENTS: Critical Elements are denoted with an asterisk (*) before the element number.

GENERAL REFERENCES:

1. B-ADM-PLMO-002 (Shift Manning Requirements), Version 0.1
2. Tech Specs COL Appendix A - thru Amendment 13
3. G2.1.5 **Ability to use procedures related to shift staffing, such as minimum crew complement, or overtime limitations.**
IMPORTANCE SRO 3.9

GENERAL TOOLS AND EQUIPMENT:

1. Computer with reference folder

Critical ELEMENT justification:

STEP	<u>Evaluation</u>
1.	Critical: Task completion: The candidate determines that sufficient personnel are available to relieve the shift.
2.	Critical: Task completion: The candidate determines that Wayne CANNOT fill both roles simultaneously.
3.	Critical: Task completion: Immediate actions are required to ensure minimum staffing in accordance with UFSAR, EP, and NRC requirements.

COMMENTS:

Document your answers to the following questions:

ANSWER SHEET	
Does the crew shown in the table provided satisfy the Minimum Shift Manning requirements? (NOTE: Only consider the operations crew members and not the RP or Chemistry Technicians).	YES / NO
Based on the crew shown in the table provided can "Wayne" simultaneously fill the FB Member and a Technical Specification System Operator?	YES / NO
If, at any time, Mike has a medical emergency and needs to leave the site unexpectedly, what Technical Specification action, if any, are required to be taken?	The shift crew composition may be less than the minimum requirement of 10CFR50.54 (m)(2)(i) and Tech. Spec. 5.2.2.a and e. for a period of time not to exceed 2 hours in order to accommodate unexpected absence of on-duty shift crew members provided immediate action is taken to restore the shift crew composition to within the minimum requirements.

Shift Manning Requirements	B-ADM-PLMO-002
	Version B=0.1
	Page 9 of 10
DATA SHEET 2 Page 1 of 2	
MINIMUM SHIFT MANNING (UNIT 3 IN MODE 1-4 AND UNIT 4 NOT MANNED)	
DATE: _____	SHIFT (DAY/NIGHT): _____

EXAMPLE ONLY

Names may be swapped as long as the positions are filled.

POSITION	NAME
SM	Mike
	Also assigned as Emergency Director if Unit 3 is the affected Unit and for common site Emergencies
SS	Eric
OATC	Bob
UO	Jarred
SOs <small>(SOs required by Tech Specs)</small>	1. style="text-align: center; color: red;"> Wayne
	2. style="text-align: center; color: red;"> James
	Not assigned to Fire Brigade
STA <small>(STA-qualified SSS, SM, or SS)</small>	Mike
	May fill other rolls except FB Leader, ENN, or ENS Communicator
ENN Communicator <small>(Extra NPO or other qualified individual)</small>	Robert
	Single person may fill ENN and ENS Communicator, but no other required shift positions
ENS Communicator <small>(Extra NPO or other qualified individual)</small>	Robert
	Single person may fill ENN and ENS Communicator, but no other required shift positions
Fire Brigade Leader <small>(SSS)</small>	Jason
	May not be STA, ENN, or ENS Communicator
FB Members <small>(SOs required by UFSAR for Fire Brigade)</small>	1. style="text-align: center; color: red;"> Josh
	2. style="text-align: center; color: red;"> Dustin
	3. style="text-align: center; color: red;"> Maurice
	4. style="text-align: center; color: red;"> Greg
	Not assigned as SO for Tech Specs
Security <small>(Security Captain verifies staffing IAW Security Plan)</small>	Shared Resource with Units 1&2

Printed 08/21/2016 at 17:54:00

APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

READ TO APPLICANT

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

1. Unit 3 is at 100% Reactor Power.
2. Unit 4 is still under construction.
3. Units 1 & 2 are at fully staffed.
4. The table below represents the Unit 3 Operations personnel who have arrived to receive turnover and their qualification status.

Unit 3 OPERATORS	LICENSE STATUS / QUALIFICATIONS
Mike	SRO SM, SS, STA
Eric	SRO SS, STA, SSS, Fire Brigade Leader
Robert Jason	SRO STA, SSS, Fire Brigade Leader, ENN Communicator, ENS Communicator
Bob Jarred	RO OATC, UO, ENN Communicator, ENS Communicator
Wayne James Josh Dustin Maurice Greg	NLO SO, Fire Brigade

INITIATING CUES:

1. Using the operations crew shown in the table provided, give a written response to the following questions:
 - a. Does the crew shown in the table provided satisfy the Minimum Shift Manning requirements? (NOTE: Only consider the operations crew members and not the RP or Chemistry Technicians).
 - b. Based on the crew shown in the table provided, can “Wayne” simultaneously fill the positions of Fire Brigade Member and Technical Specification System Operator?
 - c. If, at any time, Mike has a medical emergency and needs to leave the site unexpectedly, what Technical Specification action, if any, are required to be taken?

ANSWER SHEET	
<p>Does the crew shown in the table provided satisfy the Minimum Shift Manning requirements? (NOTE: Only consider the operations crew members and not the RP or Chemistry Technicians).</p>	<p>YES / NO</p>
<p>Based on the crew shown in the table provided can “Wayne” simultaneously fill the FB Member and a Technical Specification System Operator?</p>	<p>YES / NO</p>
<p>If, at any time, Mike has a medical emergency and needs to leave the site unexpectedly, what Technical Specification action, if any, are required to be taken?</p>	

A.1.b SRO Conduct of Operations

TITLE: Perform TRS 3.8.3.2 using 3-ECS-OTS-17-001		
EVALUATION LOCATION:	<input type="checkbox"/> SIMULATOR	<input type="checkbox"/> CONTROL ROOM <input checked="" type="checkbox"/> CLASSROOM
PROJECTED TIME:	<u>25 MIN</u>	SIMULATOR IC NUMBER: <u>N/A</u>
<input type="checkbox"/> ALTERNATE PATH	<input type="checkbox"/> TIME CRITICAL	<input type="checkbox"/> PRA

JPM DIRECTIONS:

1. Initiation of task may be in group setting, evaluation performed individually upon completion.
2. Requiring the examinee to acquire the required references may or may not be included as part of the JPM.

TASK STANDARD: Upon successful completion of this JPM, the examinee will:

- Evaluate and determine that 2 data entries are incorrect.
- Explain why the surveillance is not met.
- Enter appropriate TRM 3.8.3 Condition B (or state that Surveillance needs to be performed again before the end of the day)

Examinee:	
Overall JPM Performance:	Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/>
Evaluator Comments (attach additional sheets if necessary)	

EXAMINER: _____

READ TO APPLICANT

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

a, c

- 2. Determine if any errors exist and document your results by circling **ALL** applicable errors on Attachment 1 and Attachment 2.
- 3. Explain **ALL** errors identified.
- 4. Identify **ALL** affected Technical Specifications / TRMs and conditions, if any, that are required to be entered.

EVALUATION CHECKLIST

ELEMENTS:

STANDARDS:

**RESULTS:
(CIRCLE)**

_____ **START TIME**

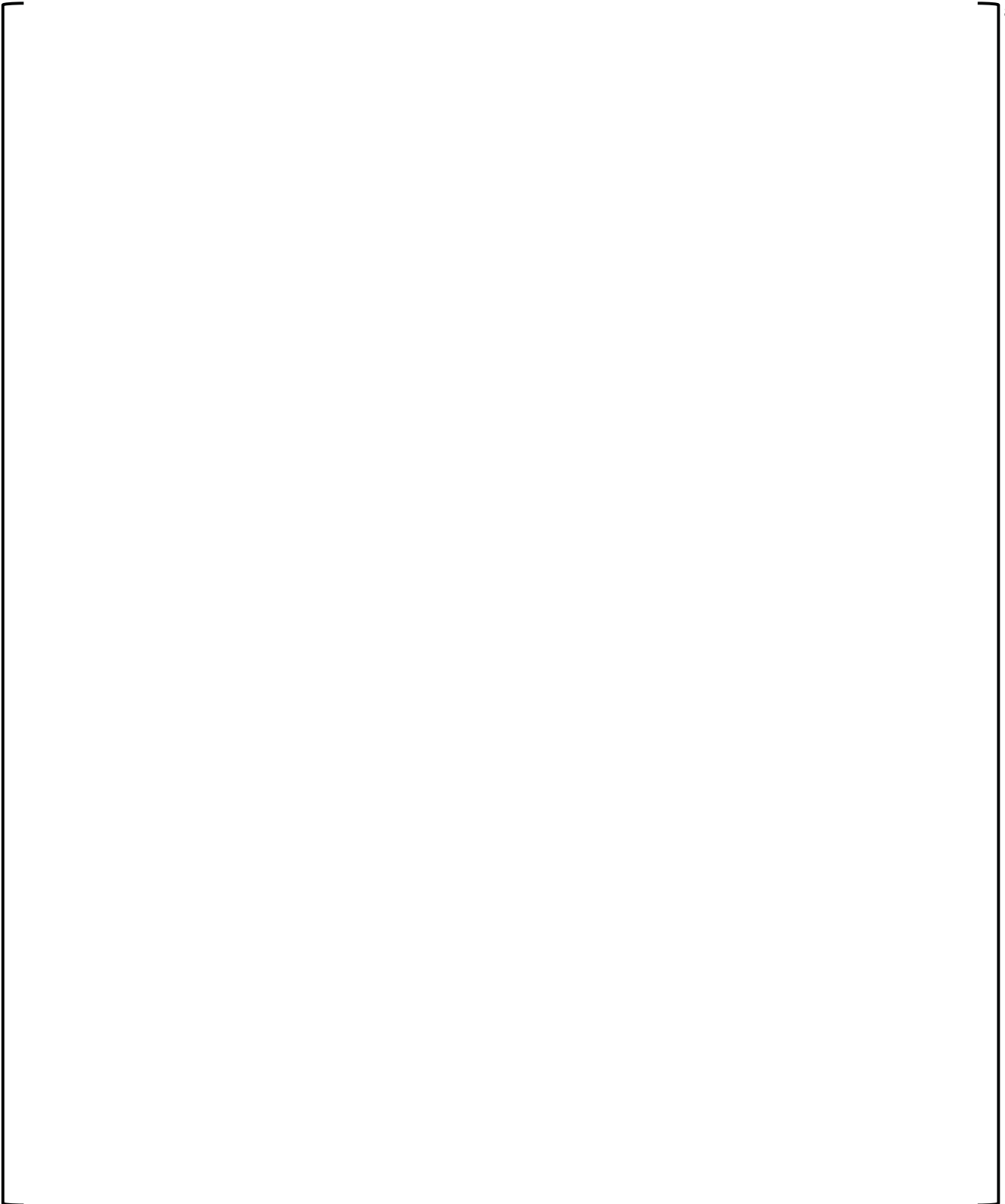
	a, c	S / U
		S / U
		S / U

_____ **STOP TIME**

Terminate when all elements of the task have been completed.

CRITICAL ELEMENTS: Critical Elements are denoted with an asterisk (*) before the element number.

GENERAL REFERENCES:

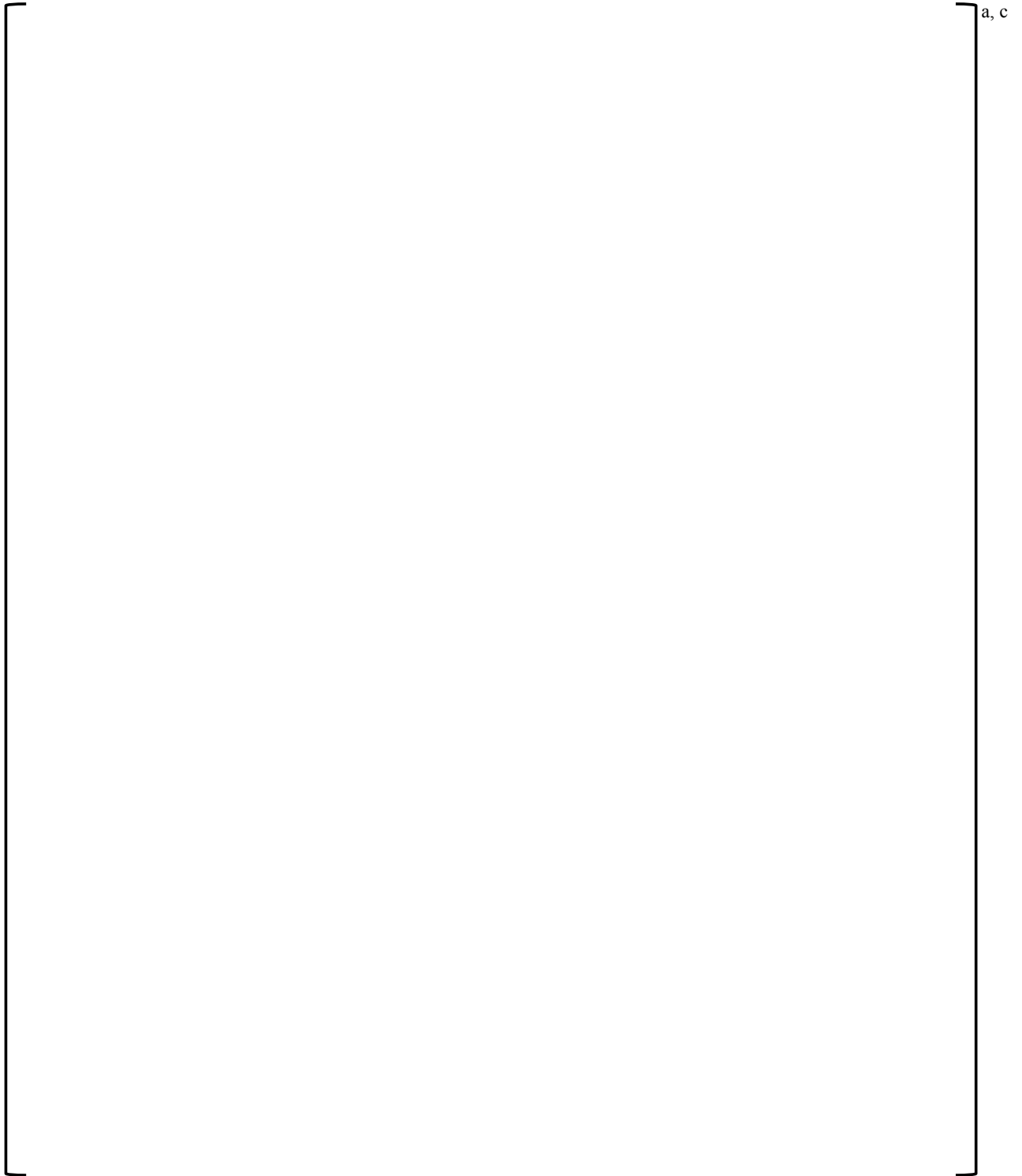


a, c

Document your answers to the following questions:

a, c

[a, c]



VEGP Units 3 and 4

TRM 3.8.3 - 1

Revision 0

APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

	a, c
--	------

2. Determine if any errors exist and document your results by circling **ALL** applicable errors on Attachment 1 and Attachment 2.
3. Explain **ALL** errors identified.
4. Identify **ALL** affected Technical Specifications / TRMs and conditions, if any, that are required to be entered.



**VOGTLE
Unit 3**

a, c

a, c

a, c

a, c

A.2 SRO Equipment Control

TITLE: Initiate tracking paperwork for LCO tracking		
EVALUATION LOCATION:	<input type="checkbox"/> SIMULATOR	<input type="checkbox"/> CONTROL ROOM <input checked="" type="checkbox"/> CLASSROOM
PROJECTED TIME:	<u>30 MIN</u>	SIMULATOR IC NUMBER: <u>N/A</u>
<input type="checkbox"/> ALTERNATE PATH	<input type="checkbox"/> TIME CRITICAL	<input type="checkbox"/> PRA

JPM DIRECTIONS:

1. Initiation of task may be in group setting, evaluation performed individually upon completion.
2. Requiring the examinee to acquire the required references may or may not be included as part of the JPM.

TASK STANDARD: Upon successful completion of this JPM, the examinee will:

- Determine LCO 3.6.2 Condition A is NOT met
- Fill out tracking paperwork in accordance with B-ADM-OPS-003.

Examinee:	
Overall JPM Performance:	Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/>
Evaluator Comments (attach additional sheets if necessary)	

EXAMINER: _____

Developer	James Dugas	Date: 12/26/16
NRC Approval	SEE NUREG 1021 FORM ES-301-3	

Vogtle Unit 3 ADMIN

A.2 SRO

READ TO APPLICANTDIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

1. Unit 3 is at 100% Reactor Power.
2. eSOMS is **NOT** available.
3. The Upper Personnel Air Lock outer door has failed its Local Leak Rate surveillance today on January 1st, 2020 at 1000:00 (this is the current date and time).
4. A CR has been generated: #10263167.
5. Repairs are estimated to take 2 days.
6. The overall Upper Personnel Air Lock leakage is within limits of LCO 3.6.1.

INITIATING CUES:

1. Initiate tracking for the LCO in accordance with B-ADM-OPS-003 (Recording Limiting Conditions for Operation).

V3&4 NRC ILT-2 Admin JPMs (Non-Proprietary)
Vogtle Unit 3 ADMIN

A.2 SRO

EVALUATION CHECKLIST

[a, c]

V3&4 NRC ILT-2 Admin JPMs (Non-Proprietary)
Vogtle Unit 3 ADMIN

A.2 SRO

a, c

KEY

a, c

KEY

KEY

a, c

KEY

a, c

KEY

APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

READ TO APPLICANT

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

1. Unit 3 is at 100% Reactor Power.
2. eSOMS is **NOT** available.
3. The Upper Personnel Air Lock outer door has failed its Local Leak Rate surveillance today on January 1st, 2020 at 1000:00 (this is the current date and time).
4. A CR has been generated: #10263167.
5. Repairs are estimated to take 2 days.
6. The overall Upper Personnel Air Lock leakage is within limits of LCO 3.6.1.

INITIATING CUES:

1. Initiate tracking for the LCO in accordance with B-ADM-OPS-003 (Recording Limiting Conditions for Operation).

FIGURE 1
Page 1 of 5

LCO/TR STATUS SHEET

SECTION I: INITIATION

LCO/TR Number: _____
Applicable Mode(s) &/or Specified Condition(s): _____
Mode or Condition Restraint: YES NO **CR #** _____
LCO/TR Initiated: **Date:** _____ **Time:** _____
TS/TRM/OCDM Reference: _____

Condition Initiating LCO / TR Action: _____

Condition	Required Action	Completion Time	
		Required by: Date: ___/___/___ Time: _____	Completed: Date: ___/___/___ Time: _____ Initials: _____
		Required by: Date: ___/___/___ Time: _____	Completed: Date: ___/___/___ Time: _____ Initials: _____
		Required by: Date: ___/___/___ Time: _____	Completed: Date: ___/___/___ Time: _____ Initials: _____
		Required by: Date: ___/___/___ Time: _____	Completed: Date: ___/___/___ Time: _____ Initials: _____
		Required by: Date: ___/___/___ Time: _____	Completed: Date: ___/___/___ Time: _____ Initials: _____
		Required by: Date: ___/___/___ Time: _____	Completed: Date: ___/___/___ Time: _____ Initials: _____
		Required by: Date: ___/___/___ Time: _____	Completed: Date: ___/___/___ Time: _____ Initials: _____

Required Actions Continued on Figure 3: YES NO

Initial Extent of Condition Evaluation review completed: _____ (initials)	CR Number:
LOSF Evaluation Required: <input type="checkbox"/> YES <input type="checkbox"/> NO (SUPPORT or SUPPORTED System)	LOSF Evaluation Complete: _____ (N/A if not required) initial

Chemistry/RP Person Notified (Rad Monitors Only)

Name _____ Date _____ Time _____

Remarks: _____

SS: _____ SM: _____

SECTION II: RESTORATION

Date	CR, MWO, Procedure, Tagout Number	Work Being Performed	Completion Date	SS Init

Continue on if required.

Continuation attached? YES NO Final Extent of Condition review:

_____ Initial

Operability Determined:

Chemistry/RP Person Notified (Rad Monitors Only)

Name _____ Date _____ Time _____

Remarks:

LCO/TR No Longer Active: _____ Date _____ Time _____

SS _____ SM _____

A.3 SRO Radiation Control

TITLE: Assess radiological conditions in an emergency and approve emergency exposure permits.

EVALUATION LOCATION: SIMULATOR CONTROL ROOM CLASSROOM

PROJECTED TIME: 15 MIN SIMULATOR IC NUMBER: N/A

ALTERNATE PATH TIME CRITICAL PRA

JPM DIRECTIONS:

1. Initiation of task may be in group setting, evaluation performed individually upon completion.
2. Requiring the examinee to acquire the required references may or may not be included as part of the JPM.

TASK STANDARD: Upon successful completion of this JPM, the examinee will:

- Calculate the projected total dose to each Operator.
- Determine that Operators A and B can perform the task within the emergency exposure limits.
- Determine that Operator C CANNOT perform the task within the emergency exposure limits.

Examinee:	
Overall JPM Performance:	Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/>
Evaluator Comments (attach additional sheets if necessary)	

EXAMINER: _____

READ TO APPLICANT**DIRECTION TO APPLICANT:**

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

1. Unit 3 is in a General Emergency.
2. Three Licensed Operators have been dispatched to connect a temporary hose to the Spent Fuel Pool on the East spray header on an outside wall and a portable pump (already in place).
3. The TOTAL round-trip TRANSIT dose will be 500 mrem to each Operator.
4. You have authorized emergency exposure limits to protect valuable equipment.
5. Operator A will be removing flanges and will take 15 minutes to perform his actions.
6. Operator B will be connecting hoses between the pump and the flange and will take 10 minutes to perform his actions.
7. Operator C will be operating the pump and will take 25 minutes to perform his actions.

INITIATING CUES:

1. You are the Emergency Director. Based on the given conditions and using the survey map provided, perform the following:
 - a. Calculate the projected dose to each Operator.
 - b. Can the operator complete the assigned task within the emergency exposure limits that you have authorized?
2. Document your answers on the provided sheet.
3. A pre-job brief is **NOT** required.

EVALUATION CHECKLIST

a, c

EVALUATION CHECKLIST

a, c

CRITICAL ELEMENTS: Critical Elements are denoted with an asterisk (*) before the element number.

GENERAL REFERENCES:

1. B-GEN-PLMP-031 (Emergency Exposure Guidelines), Version 0.1
2. G2.3.1 **Knowledge of radiation exposure limits under normal or emergency conditions.**
IMPORTANCE SRO 3.7

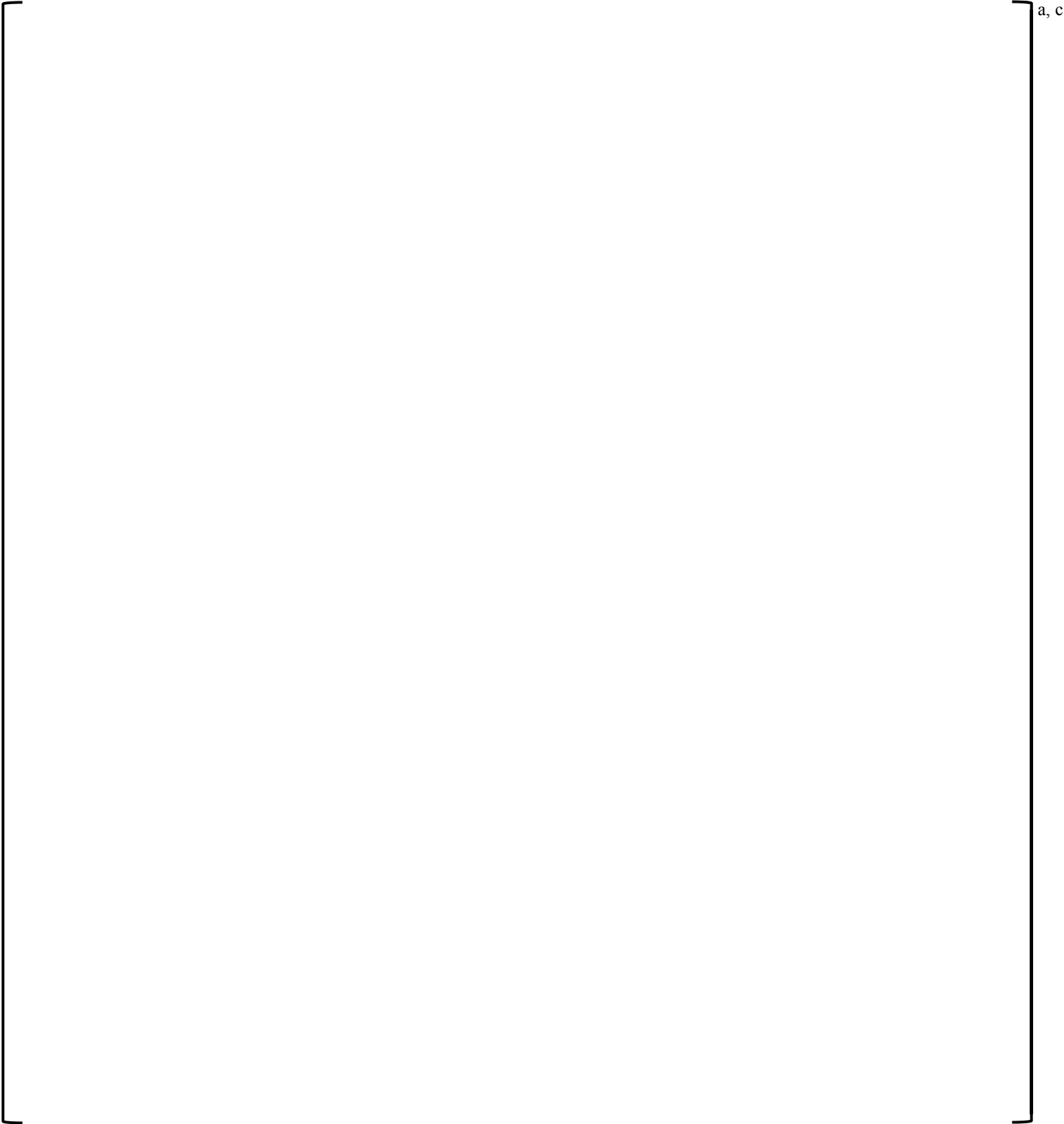
GENERAL TOOLS AND EQUIPMENT:

1. Computer with reference folder

Critical ELEMENT justification:

<u>STEP</u>	<u>Evaluation</u>
1.	Critical: Task completion: The candidate determines the exposure that will be received performing the task for Operator A.
2.	Critical: Task completion: The candidate determines the exposure that will be received performing the task for Operator B.
3.	Critical: Task completion: The candidate determines the exposure that will be received performing the task for Operator C.
4.	Critical: Task completion: The candidate determines Operator A can complete the assigned task within the exposure limits.
5.	Critical: Task completion: The candidate determines Operator B can complete the assigned task within the exposure limits.
6.	Critical: Task completion: The candidate determines Operator C cannot complete the assigned task within the exposure limits.

COMMENTS:



APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

1. Unit 3 is in a General Emergency.
2. Three Licensed Operators have been dispatched to connect a temporary hose to the Spent Fuel Pool on the East spray header on an outside wall and a portable pump (already in place).
3. The TOTAL round-trip TRANSIT dose will be 500 mrem to each Operator.
4. You have authorized emergency exposure limits to protect valuable equipment.
5. Operator A will be removing flanges and will take 15 minutes to perform his actions.
6. Operator B will be connecting hoses between the pump and the flange and will take 10 minutes to perform his actions.
7. Operator C will be operating the pump and will take 25 minutes to perform his actions.

INITIATING CUES:

1. You are the Emergency Director. Based on the given conditions and using the survey map provided, perform the following:
 - a. Calculate the projected dose to each Operator.
 - b. Can the operator complete the assigned task within the emergency exposure limits that you have authorized?
2. Document your answers on the provided sheet.
3. A pre-job brief is **NOT** required.

ANSWER SHEET	
Total projected dose for the job and transit for Operator A	
Can operator A complete the assigned task within the emergency exposure limits that you have authorized	YES / NO
Justification:	
Total projected dose for the job and transit for Operator B	
Can operator B complete the assigned task within the emergency exposure limits that you have authorized	YES / NO
Justification:	
Total projected dose for the job and transit for Operator C	
Can operator C complete the assigned task within the emergency exposure limits that you have authorized	YES / NO
Justification:	

a, c

A.4 SRO Emergency Procedures / Emergency Plan

TITLE: Classify An Emergency Event and Complete the SNC Emergency Notifications Form (ENF)		
EVALUATION LOCATION:	<input type="checkbox"/> SIMULATOR	<input type="checkbox"/> CONTROL ROOM <input checked="" type="checkbox"/> CLASSROOM
PROJECTED TIME:	<u>30 MIN</u>	SIMULATOR IC NUMBER: <u>N/A</u>
<input type="checkbox"/> ALTERNATE PATH	<input checked="" type="checkbox"/> TIME CRITICAL	<input type="checkbox"/> PRA

JPM DIRECTIONS:

1. Initiation of task may be in group setting, evaluation performed individually upon completion.
2. Requiring the examinee to acquire the required references may or may not be included as part of the JPM.

TASK STANDARD: Upon successful completion of this JPM, the examinee will:

- Classify an emergency event and fill out forms for emergency notification within the time allowed.

Examinee:
Overall JPM Performance: Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/>
Evaluator Comments (attach additional sheets if necessary)

EXAMINER: _____

READ TO APPLICANT**DIRECTION TO APPLICANT:**

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS: a, c**INITIATING CUES:**

1. Complete **ALL** required lines and classify the event (HANDOUT 1), then raise your hand.
2. Complete **ALL** required lines and approve the SNC Emergency Notifications Form (ENF) (HANDOUT 2), then raise your hand.
3. A pre-job brief is **NOT** required.
4. This task has TIME CRITICAL elements.

EVALUATION CHECKLIST

ELEMENTS:

STANDARDS:

**RESULTS:
(CIRCLE)**



a, c



EVALUATION CHECKLIST

A large, empty rectangular box with a thin black border, intended for the content of the evaluation checklist. The box is positioned centrally on the page, below the section header and above the footer.

a, c



a, c

COMMENTS:

Steps that are required to be filled in to satisfy the Critical Elements are indicated with an asterisk *

a, c

a, c

[REDACTED]

a, c

APPLICANT CUE SHEET

(RETURN TO EXAMINER UPON COMPLETION OF TASK)

DIRECTION TO APPLICANT:

I will explain the initial conditions and state the task to be performed. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task, return the cue sheet I provided to you.

INITIAL CONDITIONS:

	a, c
--	------

INITIATING CUES:

1. Complete **ALL** required lines and classify the event (HANDOUT 1), then raise your hand.
2. Complete **ALL** required lines and approve the SNC Emergency Notifications Form (ENF) (HANDOUT 2), then raise your hand.
3. A pre-job brief is **NOT** required.
4. This task has TIME CRITICAL elements.

Emergency Classification Determination and Initial Action	B-GEN-PLMP-020
VOGTLE	Version C=0.2
Unit B	Page 14 of 22

ATTACHMENT 1
Page 1 of 1

Checklist 1 - Classification Determination

NOTE

Key Parameters should be allowed to stabilize to accurately represent plant conditions prior to classifying an event

Initial Actions Completed by _____

1. **Determine** the appropriate Initiating Condition Matrix for classification of the event based on the current operating mode:
 - HOT IC/EAL Matrix Evaluation Chart (**Go To Step 2**) to evaluate the Barriers)
 - COLD IC/EAL Matrix Evaluation Chart (**Go To Step 3**)
 - Both HOT & COLD IC/EAL Matrix Evaluation Chart apply (**Go To Step 2**)

2. **Evaluate** the status of the fission product barrier using Figure 1, Fission Product Barrier Evaluation.

a. **Select** the condition of each fission product barrier: _____

	LOSS	POTENTIAL LOSS	INTACT
Fuel Cladding Integrity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reactor Coolant System	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Containment Integrity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

b. **Determine** the highest applicable fission product barrier Initiating Condition (IC): _____

(select one) FG1 FS1 FA1 FU1 None

3. **Evaluate AND determine** the highest applicable IC/EAL using the Matrix Evaluation Chart(s) identified in step 1 THEN **Go To** step 4.

Hot IC# _____ Unit ___ and/or Cold IC# _____ Unit ___ or None _____

4. **Check** the highest emergency classification level identified from either step 2b or 3: _____

<u>Classification</u>	<u>Based on IC#</u>	<u>Classification</u>	<u>Based on IC#</u>
<input type="checkbox"/> General	_____	<input type="checkbox"/> Alert	_____
<input type="checkbox"/> Site-Area	_____	<input type="checkbox"/> NOUE	_____
		<input type="checkbox"/> None	N/A

Remarks (**Identify** the specific EAL, as needed): _____

5. **Declare** the event by approving the Emergency Classification.
 _____ Date: ____ / ____ / ____ Time: _____
 Emergency Director

6. **Obtain** Meteorological Data (not required prior to event declaration):
 Wind Direction (from) _____ Wind Speed _____ Stability Class _____ Precipitation _____

7. **Initiate Attachment 2, Checklist 2 - Emergency Plan Initiation.** _____

HANDOUT 2 - RETURN TO EXAMINER UPON COMPLETION

SNC Emergency Notifications Form (ENF)	B-GEN-PLMP-038-F06
VOGTLE Unit B	Version B=0.1 Page 1 of 2

1. DRILL ACTUAL EVENT MESSAGE # 001

2. INITIAL FOLLOW-UP NOTIFICATION: Time: earlier Date Today / ____ / ____
 AUTHENTICATION # 002

3. SITE: Vogtle Unit 3 Confirmation Phone # (706)867-5309

4. EMERGENCY CLASSIFICATION: UNUSUAL EVENT ALERT SITE AREA EMERGENCY GENERAL EMERGENCY

BASED ON EAL# _____

EAL DESCRIPTION: _____

5. PROTECTIVE ACTION RECOMMENDATIONS:

None

Evacuate

Shelter

Advise Remainder of EPZ to Monitor Local Radio/TV Stations/Tone Alert Radios for Additional Information and Consider the use of KI (potassium iodide) in accordance with State plans and policy.

Other

6. EMERGENCY RELEASE: None Is Occurring Has Occurred

7. RELEASE SIGNIFICANCE: Not applicable Within normal operating limits Above normal operating limits Under evaluation

8. EVENT PROGNOSIS: Improving Stable Degrading

9. METEOROLOGICAL DATA: Wind Direction from _____ degrees* Wind Speed _____ mph*

(*May not be available for Initial Notifications)* Precipitation _____* Stability Class* A B C D E F G

10. DECLARATION TERMINATION Time _____ Date ____/____/____

11. AFFECTED UNIT(S): 1 2 3 4 All

12. UNIT STATUS: U1 _____% Power Shutdown at Time _____ Date ____/____/____
 (Unaffected Unit(s) Status Not Required for Initial Notifications) U2 _____% Power Shutdown at Time _____ Date ____/____/____
 U3 _____% Power Shutdown at Time _____ Date ____/____/____
 U4 _____% Power Shutdown at Time _____ Date ____/____/____

13. REMARKS:

HANDOUT 2 - RETURN TO EXAMINER UPON COMPLETION

V3&4 NRC IIT-2 Admin JPMs (Non-Proprietary)

Page 154 of 154

EMERGENCY RELEASE DATA NOT REQUIRED IF LINE 6 A IS SELECTED.

14. RELEASE CHARACTERIZATION: TYPE: Elevated Mixed Ground UNITS: Ci Ci/sec μ Ci/sec

MAGNITUDE: Noble Gases: _____ Iodines: _____ Particulates: _____ Other: _____

FORM: Airborne Start Time _____ Date ____/____/____ Stop Time _____ Date ____/____/____
 Liquid Start Time _____ Date ____/____/____ Stop Time _____ Date ____/____/____

15. PROJECTION PARAMETERS: Projection period: _____ Hours Estimated Release Duration _____ Hours

Projection performed: Time _____ Date ____/____/____ Accident Type: _____

16. PROJECTED DOSE:	<u>DISTANCE</u>	<u>TEDE (mrem)</u>	<u>Adult Thyroid CDE (mrem)</u>
Site boundary	_____	_____	_____
2 Miles	_____	_____	_____
5 Miles	_____	_____	_____
10 Miles	_____	_____	_____

17. APPROVED BY: Title: _____ Time _____ Date ____/____/____

NOTIFIED BY: _____ RECEIVED BY: _____ Time _____ Date ____/____/____

(To be completed by receiving organization)