

1/31/12

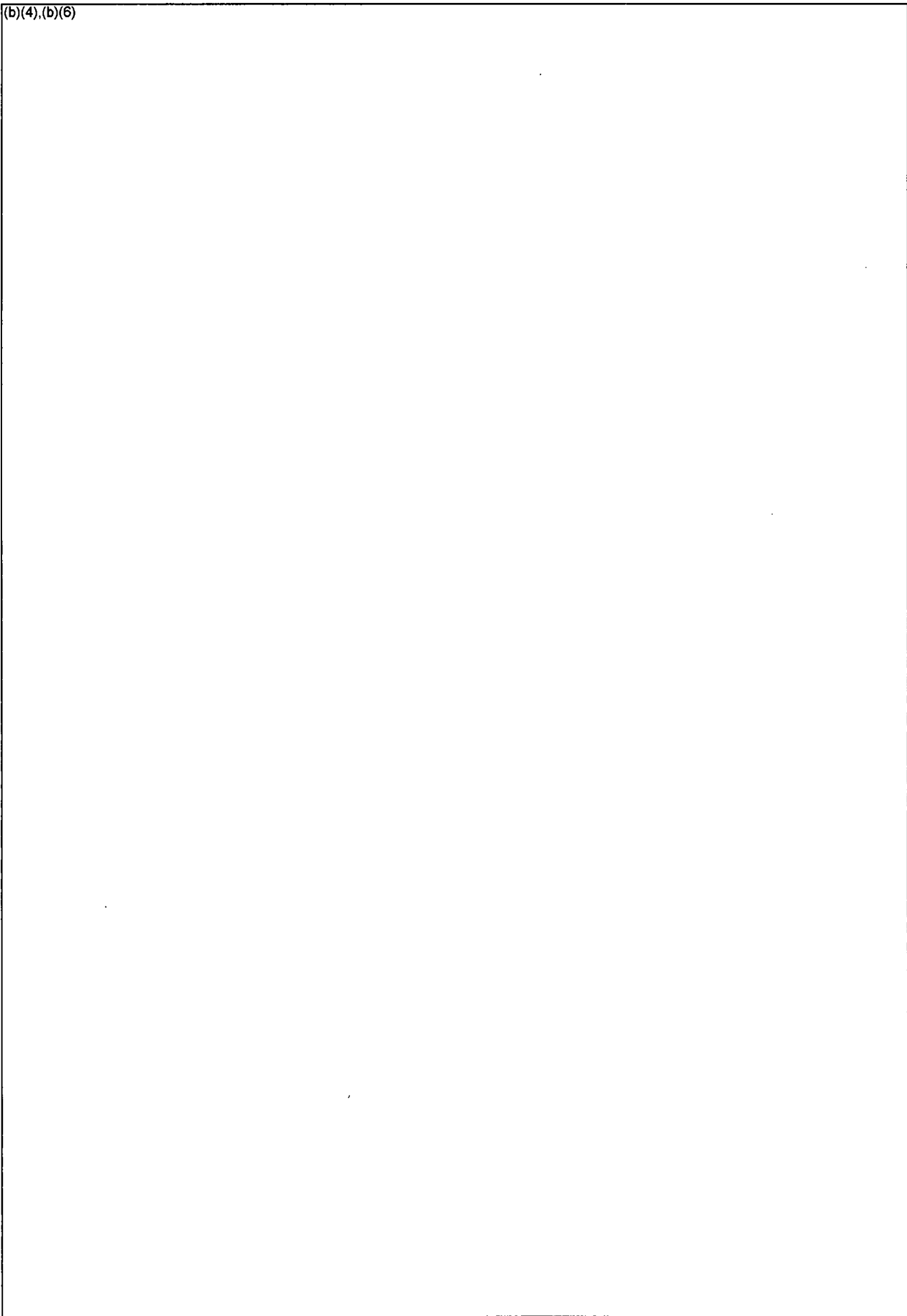
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Exemptions 4, 6
FOIA/PA 2012-0787

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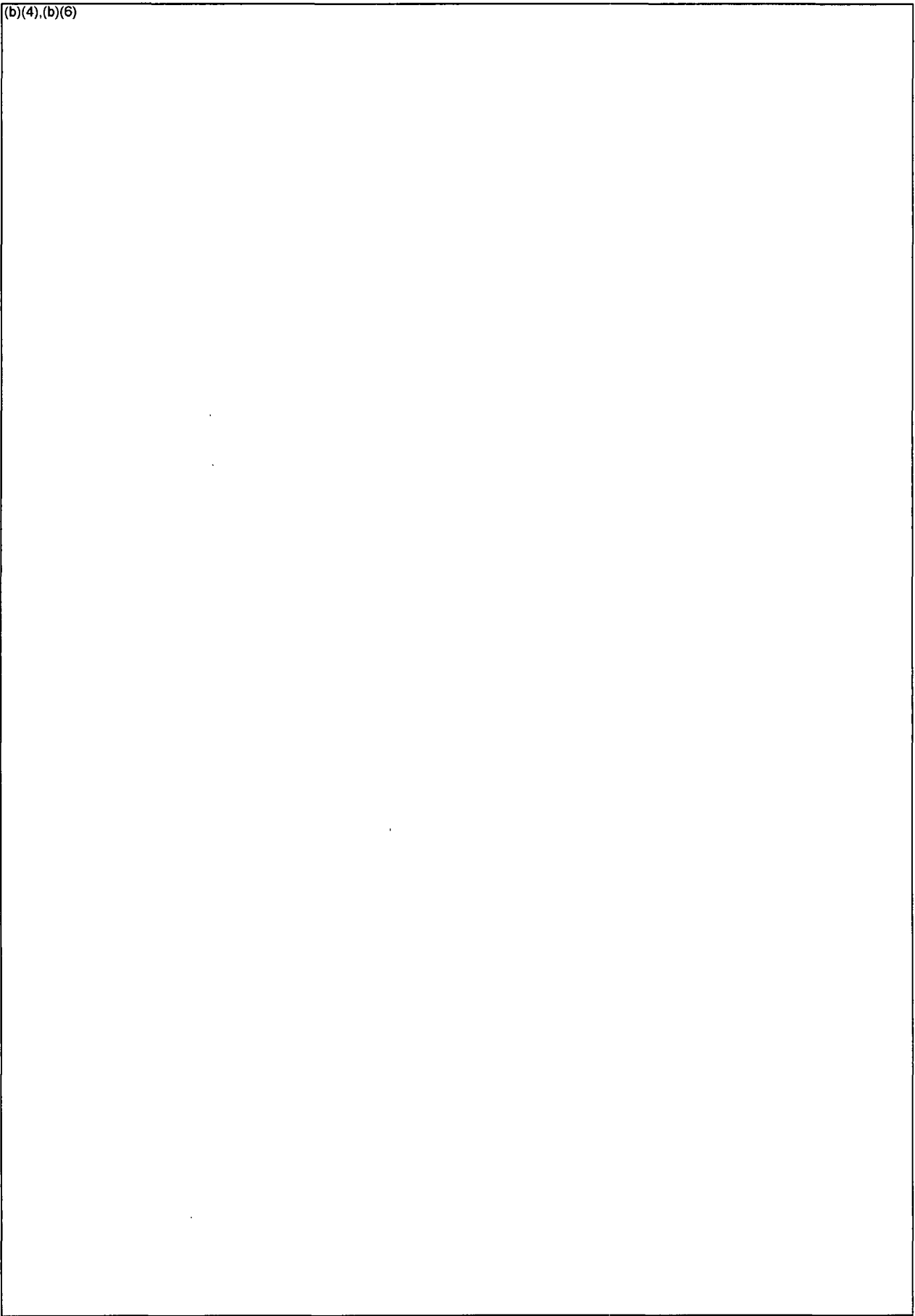
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Days	1/30/2012 10:01:00 AM	Entered 2BOL 8.1 condition E due to the loss of Unit 2 SAT's @1009 and the 2B-DG inoperability. The action is to restore the SAT's or the 2B-DG in 12 hours or be in mode 3 in 6 hours and in mode 5 in 36 hours.	(b) (6)
Days	1/30/2012 10:01:00 AM	Entered 0BOL 11.b condition B,D,and F for the 2PR01J. The action is to suspend purging via this path immediately. This action has been completed. IR#1320145	
Days	1/30/2012 10:01:00 AM	Entered BDPS 2BOL 3.9 conditions A and C for both trains of BDPS. Condition A is to restore the train to operable in 72 hours. Condition C is to isolate unborated water sources in one hour and to perform a SDM in one hour.	
Log Date	Entry	User	
1/30/2012 10:30:00 AM	SDM performed per SR3.1.1.1 and is satisfactory for the next 12 hours.	(b)(6)	
1/30/2012 10:56:00 AM	Completed CO Hang for unborated water sources per C/O 96468		
Days	1/30/2012 10:01:00 AM	2PR11J is in unplanned LCO 2BOL 4.15 condition B. The action is to sample the affected train every 24 hours Rp and Chem has been contacted.	(b) (6)
Days	1/30/2012 10:01:00 AM	Entered 1BOL 8.1 condition A due to the loss of Unit 2 SAT's @1009. The action is to perform 1BOSR 8.1.1-1 in one hour and every 8 hours thereafter. Surveillance 1BOSR 8.1.1-1 has been completed @1054. The second action is to restore the required qualified circuits in 72 hours or shut down the unit to mode 3 in 6 hours and to mode 5 in 36 hours.	
Days	1/30/2012 10:01:00 AM	Unit 2 Rx trip	
Log Date	Entry	User	
1/30/2012 10:01:50 AM	Entered 2BEP-0 Reactor Trip or Safety Injection	(b)(6)	
1/30/2012 10:11:00 AM	Transitioned to 2BEP ES-0.1 Rx trip Response		
Days	1/30/2012 10:01:33 AM	Unit 2 Reactor trip - Red First Out annunciator is RCP Undervoltage Reactor trip. IR 1319908 and 1320006 written.	(b) (6)
Log Date	Entry		
1/30/2012 10:09:00 AM	Based on a report of smoke, opened SAT 242-1 and SAT 242-2 feed breakers to BUS 241 (ACB 2412), BUS 242 (ACB 2422), BUS 243 (ACB 2432) and BUS 244 (ACB 2442). Offsite power from the Unit 2 SATs has been disconnected. 2A and 2B D/Gs' started and are supplying BUS 241 and 242.		
1/30/2012 10:18:00 AM	Declared an Unusual Event on Byron Unit 2 due to a loss of all offsite power to ESF BUSES 241 and 242.		
1/30/2012 10:23:00 AM	Nuclear Accident Reporting System (NARS) form communicated to Illinois EMA.		
1/30/2012			

10:33:00 AM	Completed Dialogic notification for Byron Unit 2 Unusual Event.	(b)(6)	
1/30/2012 10:39:00 AM	Completed NRC Event Notification EN# 47624.		
Days	1/30/2012 10:01:59 AM	Entered PLANNED LCOAR 0BOL 3.p, Condition A as 2AR11J and 2AR12J setpoint are currently more than 10 mr/hr above background following U2 Rx trip	
Log Date	Entry	User	
1/30/2012 2:01:59 PM	Entered LCOAR 0BOL 3.p Condition B for required action and completion time of Condition A not met. Entered LCOAR 2BOL 3.6 Conditions A and B for 2AR011J and 2AR012J inoperable as directed by 0BOL 3.p. Entered LCOAR 2BOL 6.3 Condition B for all U-2 CNMT vent isolation valves inoperable as directed by 2BOL 3.6 Required action of the two LCOAR's is to isolate the affected penetration flowpath by use of at least one closed and de-activated automatic valve. 2VQ001B and 002B are OOS under an admin CO#94013230. 2VQ003, 004B and 2VQ005B fuses were previously pulled and are tracked for configuration control under ACPS#12-0026		
Days	1/30/2012 10:04:54 AM	Started 1A SX Pump and opened 1SX007 and 2SX007 to supply SX to U2 due to no SX Pumps running on U2.	
Days	1/30/2012 10:05:32 AM	Entered Unplanned 0BOL 11.a, Conditions B and D due to loss of Sample Flow on OPR10J.	
Days	1/30/2012 10:08:00 AM	Secured Transfer of "0A" WX Monitor Tank (24%) to "0B" WX Monitor Tank (48%) per BOP WX-112.	(b)(6)
Days	1/30/2012 10:11:00 AM	Both ESF Bus energized	(b)(6)
Days	1/30/2012 10:12:16 AM	TSO (Mark Jenga) called to inquire about the loss of U-2 generation. They stated that they lost indication on C-phase of Bus 13. Told TSO that Byron is addressing the loss of offsite power on Unit 2.	
Days	1/30/2012 10:14:00 AM	Started "0A" GW Compressor for U-2 VCT Venting per BOP GW-1. "" In Service GDT (36#), "" Cover GDT (85#) and Vent Header Pressure at (1.92#).	(b)(6)
Log Date	Entry	User	
1/30/2012 11:58:00 AM	Realigned GDT's per BOP GW-6 GDT 0B (92#) is now In Storage for Decay. GDT 0F (6#) is now the In Service GDT. "" GDT 0C (5#) is Aligned for Stand By.	(b)(6)	
1/30/2012 1:30:04 PM	Secured "0A" GW Compressor per BOP GW-1. "" In Service GDT (15#), "" Cover GDT (85#) and Vent Header Pressure at (1.96#).	(b)(6)	
Days	1/30/2012 10:23:00 AM	Offsite assistance requested	C Jc
Log Date	Entry	User	
1/30/2012 10:48:00 AM	Two Byron Fire Department trucks came inside the protected area. Five trucks are waiting inside the parking lot area if necessary.	(b)(6)	
1/30/2012	Byron Fire Department trucks are outside the protected area.		

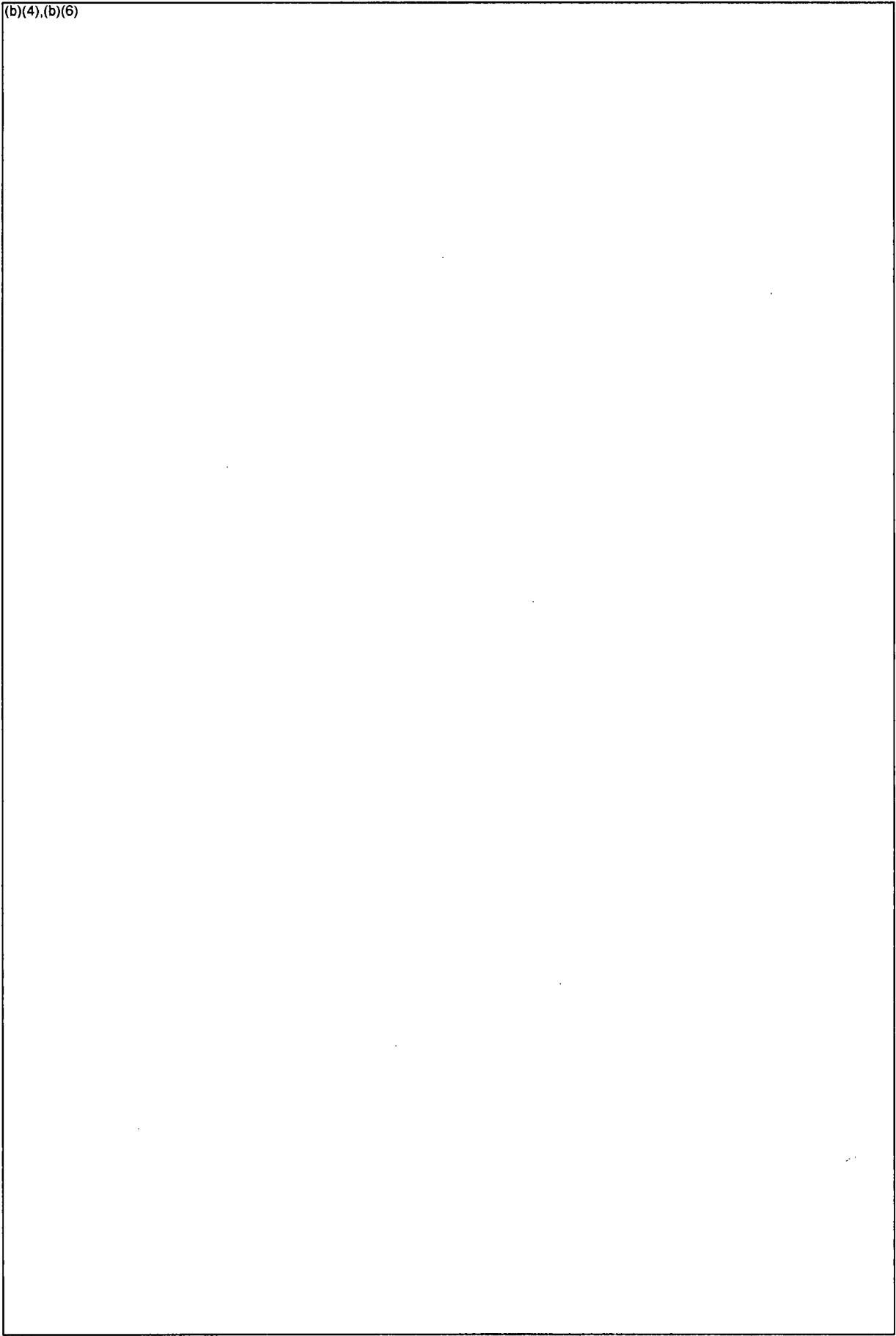
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Days	1/30/2012 10:25:00 AM	Re-aligned charging to the RWST due to the loss of the Unit 2 SAT's and the loss of the Boric acid transfer pump. This was done prior to the auto swap-over.
Days	1/30/2012 10:28:06 AM	Received permission from bulk power to deenergize BUS 13 and isolate U2 Switchyard from Line 0622 per (b)(6)
Days	1/30/2012 10:30:00 AM	SDM for Unit 2 good until 2201 1/30/12. SDM Completed
Days	1/30/2012 10:34:23 AM	Secured both 0A and 0B SX Makeup pumps due to high level in the SX Cooling Tower. These pumps were started in the emergency procedures.
Days	1/30/2012 10:36:00 AM	Notified Chemistry to sample for Boron every 15 min.
Days	1/30/2012 10:38:00 AM	RP notified to perform Tech spec samples for power drop of greater than 15% in one hour.
Days	1/30/2012 10:38:00 AM	2BCSR 4.16.2-1 Initiated for greater than a 15% power change
Days	1/30/2012 10:39:24 AM	Notified NRC Operations Center of the Unit 2 reactor trip. ENS worksheet EN# 47624 transmitted via Red Phone. NRC requests periodic updates.
Days	1/30/2012 10:41:14 AM	Opened Switchyard breakers 7-13 and 12-13 to deenergize U2 SAT high side windings.
Days	1/30/2012 10:41:41 AM	Opened U2 SAT MOD disconnects 242-1 and 242-2.
Days	1/30/2012 10:49:04 AM	Notified by Resident NRC Inspector (b)(6) that the NRC is in Monitoring Mode.
Days	1/30/2012 10:54:32 AM	Completed 1BOSR 8.1.1-1 and 2BOSR 8.1.1-1, Normal and Alternate Offsite Power Surveillances unsatisfactory. U2 SAT is de-energized.
Days	1/30/2012 10:56:00 AM	All MSIV's were closed one at a time per procedure due to the loss of the CW system and to minimize the water hammer from the MSIV system lines.
Days	1/30/2012 11:00:00 AM	Entered 2BEP ES0.2 due to the failure of the Unit 2 SAT's
Days	1/30/2012 11:04:00 AM	2VP03CB did not start after the failure of the SAT's on the Unit 2 side. IR#
Days	1/30/2012 11:12:00 AM	Re-aligned charging to the VCT from the RWST.

Days	1/30/2012 11:17:51 AM	TR Operator secured both U1 and U2 Hotwell Reject.	(b)(6)
Days	1/30/2012 11:19:00 AM	Entered unplanned LCO 2BOL 5.2 condition A for the 2B-CV Pp. The 2B-CV Pp was placed in PTL since the 2B-DG is running and on the sequencer. 2B CV pp remains AVAILABLE for ONLINE risk. The action is to restore the train to operable in 7 days. Peer checked by (b)(6)	(b)(6)
Log Date	Entry	User	
1/30/2012 11:19:00 AM	Entered 2BOL 1.d condition A for the 2B-CV Pp being placed in PTL due to Bus 242 being on the sequencer, The action is to restore the pump to operable in 7 days.	(b)(6)	
Days	1/30/2012 11:22:00 AM	Started Transfer of "0B" WF Tank (37.7%) to "0A" WX Mon Tank (24%) for Normal Water Processing per BOP WF-101. Swapped Inlet vlv to the "0A" WF Tank.	
Log Date	Entry	User	
1/30/2012 1:57:00 PM	Secured Transfer of "0B" WF Tank (16%) to "0A" WX Mon Tank (21.3%) per BOP WF-101.	(b)(6)	
Days	1/30/2012 11:28:00 AM	Chem reports that the Boron sample for Unit 2 is 1252ppm	(b)(6)
Days	1/30/2012 11:28:00 AM	Chemistry reports that the Unit 2 Boric acid sample for Unit 2 RCS is 1252ppm	
Days	1/30/2012 11:29:44 AM	(b)(6) called to Inquire if the Byron Switchyard was in a condition that would allow the reclosure of the ring busses (i.e. Re-energize bus 11 and bus 13). I told them that if they provided switching orders, Byron could reenergize Bus 11. However, until the location of the problem on Bus 13 was identified and the bus was evaluated as acceptable, Byron would not accept switching orders for Bus 13. TSO agreed. Notified TSO that the Unit 2 SAT MODs were open. However, the location of the issue has not been identified yet.	(b)(6)
Days	1/30/2012 11:37:24 AM	Restored OPR10J to green status from loss of flow.	(b)(6)
Days	1/30/2012 11:42:00 AM	Unit 2 PRT is at 95% started draining per BOP RY-4	
Days	1/30/2012 11:45:00 AM	Unit 2 FC Pp reported to be running without the cubical cooler fans running.	
Log Date	Entry	User	
1/30/2012 2:00:00 PM	All unit 2 FC cubical fans are running. The thermal overloads were reset.	(b)(6)	
Days	1/30/2012 11:45:00 AM	Secured status trees per BAP 1310-10T2 per SM and US concurrence. All Status trees are Green.	(b)(6)
Days	1/30/2012	Followup call made to NRC via Red Phone.	


	11:45:14 AM		(b)(6)
Days	1/30/2012 11:53:00 AM	Chemistry reports that Unit 2 RCS Boron is 1409 PPM	
Days	1/30/2012 11:55:00 AM	Started 2B-RCFC	
Days	1/30/2012 11:55:20 AM	Started 0A MUD Train to U2 CST, (80%).	
Days	1/30/2012 11:58:00 AM	Commenced Unit 2 RCS Cooldown to 520 F on all S/G PORV's unable to place Unit 2 Turbine on the gear.	
Log Date	Entry		User
1/30/2012 1:00:00 PM	Commenced RCS depressurization per 2BEP ES-0.2 Natural Circulation Cooldown. Opened Pressurizer Aux Spray valve 2CV8145. Started 2BOSR 4.C.2-1 Pzr Spray Water Temp Diff Limit Surv (During Aux Spray Operation)		(b)(6)
1/30/2012 11:58:01 AM	Commenced RCS cooldown per 2BEP ES-0.2 Natural Circulation Cooldown. Started 2BOSR 4.3.1-1 RCS Press/Temp Limit Surv.		
Days	1/30/2012 12:03:41 PM	Restarted U2 SFP Cooling Pump. NLO reports not all cubicle cooler fans are operating.	
Days	1/30/2012 12:04:00 PM	Started Transfer of "0A" WX Mon Tank (24%) to "0B" WX Mon Tank (48%) Thru Vendor Demin for Normal Water Processing per BOP WX-112	(b)(6)
Log Date	Entry		User
1/30/2012 5:35:00 PM	Secured Transfer of "0A" WX Monitor Tank (11%) to "0B" WX Monitor Tank (88.8%) per BOP WX-112.		(b)(6)
Days	1/30/2012 12:06:00 PM	Chemistry reports that the Unit 2 Boron sample is 1525ppm	(b)(6)
Days	1/30/2012 12:15:09 PM	Followup call made to NRC via Red Phone.	
Days	1/30/2012 12:16:00 PM	Chemistry reports that Unit 2 RCS Boron Concentration is 1622 ppm	
Days	1/30/2012 12:18:35 PM	Faxed ENS Worksheet EN# 47624 to the NRC Operations Office.	
Days	1/30/2012 12:31:10 PM	Started 2A Containment Chiller using BOP VP-1.	
Days	1/30/2012 12:32:00 PM	PRT level is 73% secured draining the PRT.	
Days	1/30/2012 12:32:40 PM	Chemistry reports Boron concentration results: U-1 RCS @ 938 PPM, sample time was 0828 Verified/Adjusted Boric Acid Flow Control Potentiometer setting to the value of 3.83 per BOP CV-7.	
Days	1/30/2012	Received report that Unit 2 online risk was evaluated and	

		12:38:59 PM	is Yellow.	(b)(6)
Days	1/30/2012	12:45:00 PM	Started Transfer of "0B" HUT (50.8%) to "0A" AB Mon Tank (69.7%) per BOP AB-101-1 Discharge Pressure (135#) and 58 GPM Flow Thru Condensate Demin.	
Log Date	Entry	User		
1/30/2012 1:46:02 PM	Secured Transfer of "0B" HUT (48.8%) to "0A" AB Mon Tank (85%).	(b)(6)		
Days	1/30/2012	12:48:00 PM	Water has been reported locally on the 2A-RH Pp motor 2B-RH Pp Boron is 2166 and Boron for the 2A-RH Pp is 2251	(b)(6)
Log Date	Entry	User		
1/30/2012 1:20:00 PM	Field Supervisor and PED (b)(6) investigated water spray on 2A RH pump. Reported back that the water spray does not impact the ability of the 2A RH pump to run. The motor fins are directed downwards and the motor would blow any spray away. The electrical box connections are water tight. Ops and Maintenance will route water away from pump and motor. Maintenance to repair flood seal above pump.	(b)(6)		
Days	1/30/2012	12:53:00 PM	Chemistry reports that the Unit 2 Boron is 1855 ppm	
Days	1/30/2012	12:57:09 PM	Received report that Unit 1 online risk was evaluated as Yellow, due to loss of Unit 2 SATs.	
Days	1/30/2012	1:12:00 PM	2B AF DO Day tank level low	
Days	1/30/2012	1:15:11 PM	Followup call made to NRC via Red Phone.	
Days	1/30/2012	1:16:00 PM	Placed Boric acid transfer pump in PTL swapped over to RWST due to BDPS C/O	
Days	1/30/2012	1:25:00 PM	Chemistry reports that Unit 2 RCS Boron is 2141ppm	
Days	1/30/2012	1:30:00 PM	P-11 Blocks have been imposed	
Days	1/30/2012	1:35:00 PM	Started "0A" GW Compressor for Vent Header Pressure Control per BOP GW-1. "" In Service GDT (25#), "" Cover GDT (84#).	(b)(6)
Log Date	Entry	User		
1/30/2012 1:48:00 PM	Secured "0A" GW Compressor per BOP GW-1. "" In Service GDT (29#), "" Cover GDT (84#) and Vent Header Pressure at (1.76#).	(b)(6)		
Days	1/30/2012	1:37:00 PM	Started the 2B-CRDM Booster fan	(b)(6)
Days	1/30/2012	1:40:01 PM	Secured 1A SX Pump using BOP SX-2. Closed 1SX007 and 2SX007.	

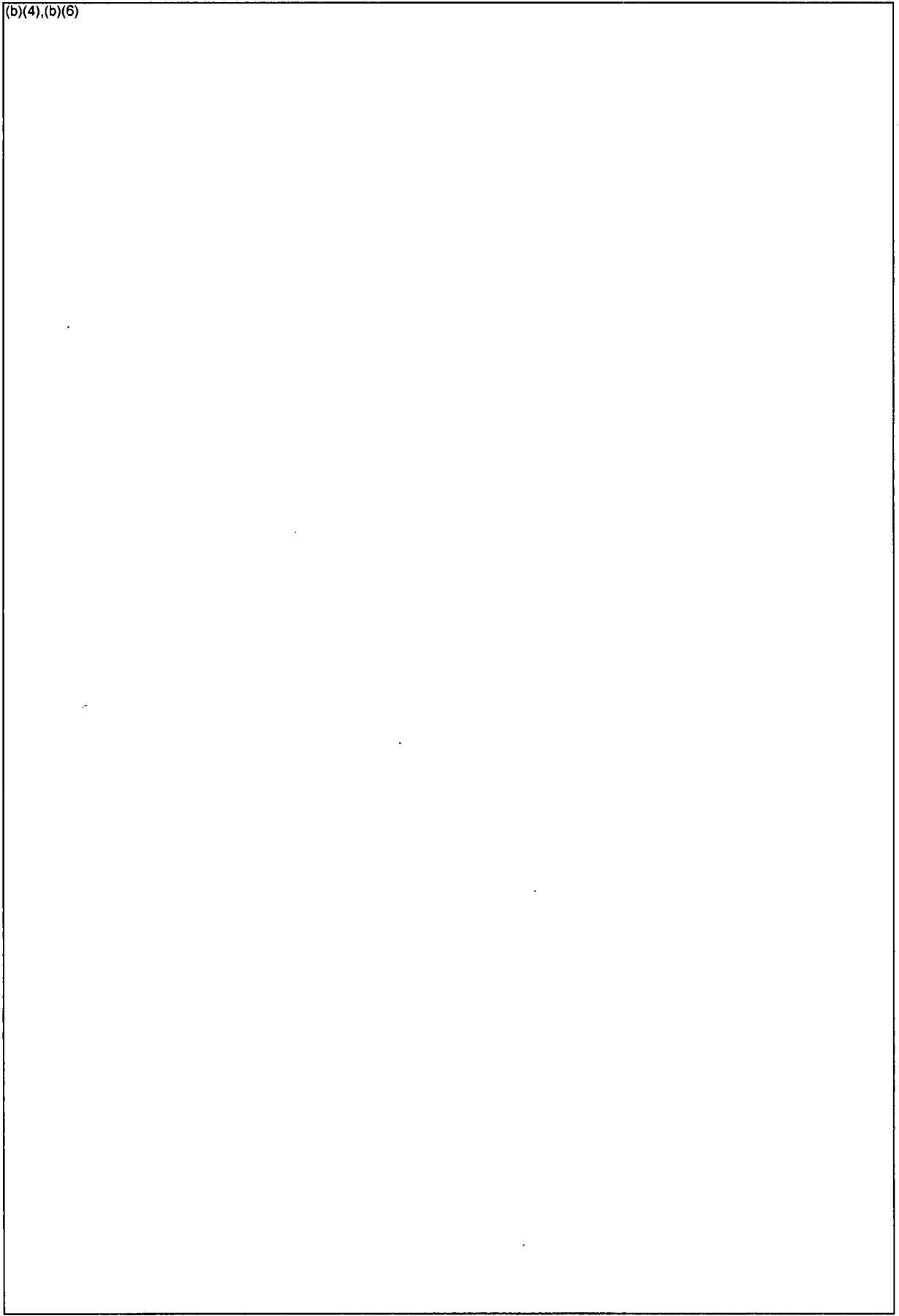
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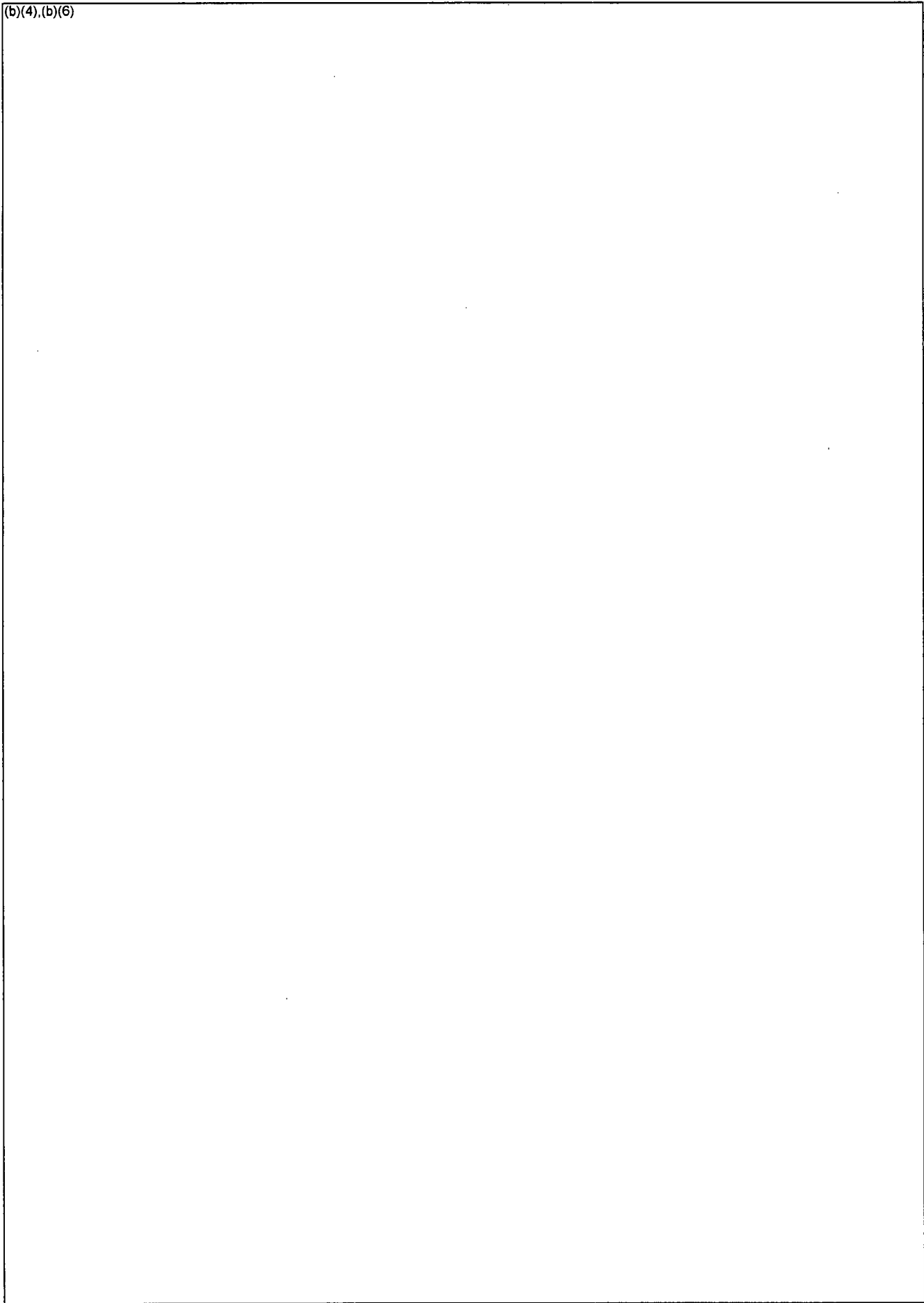
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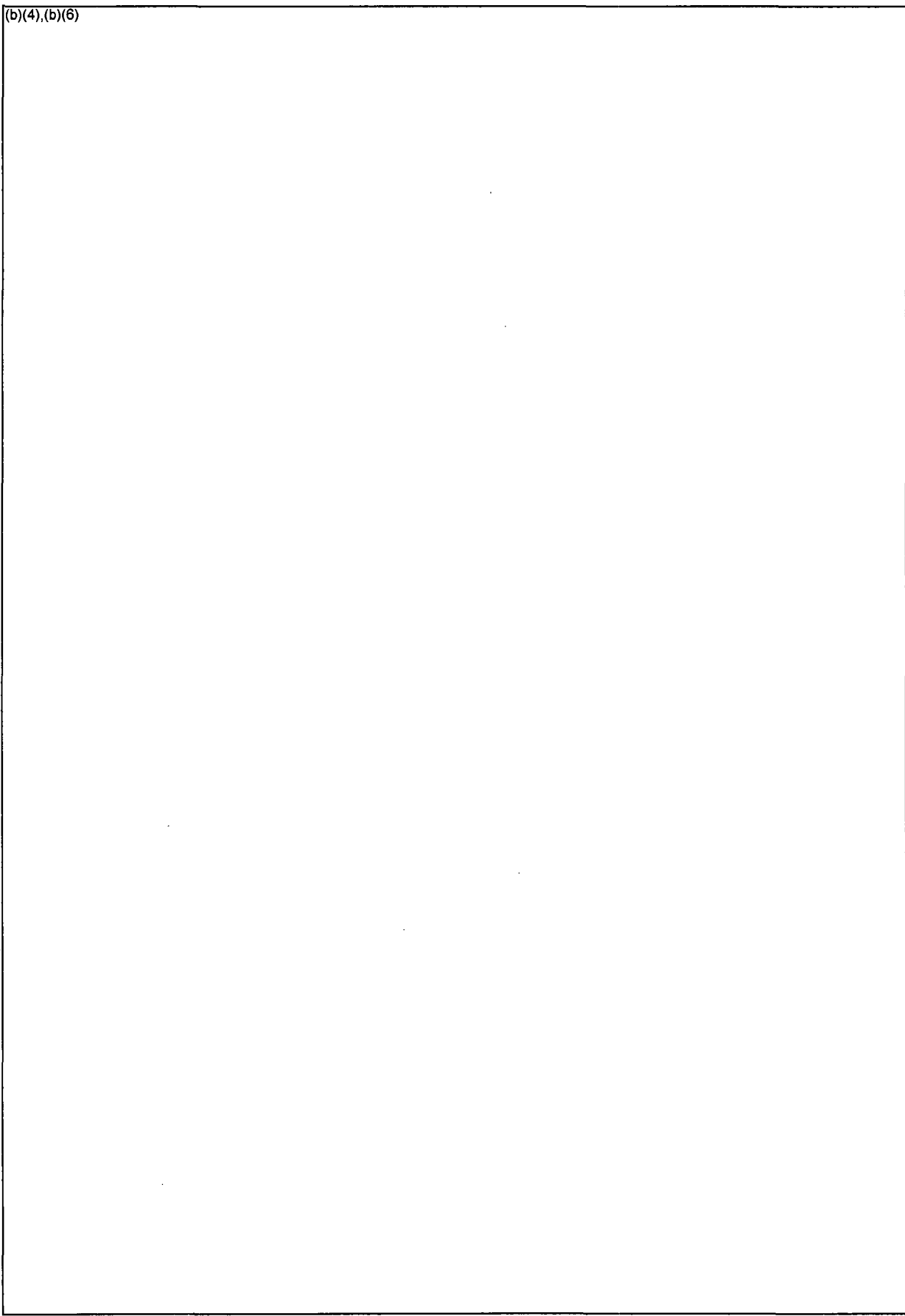
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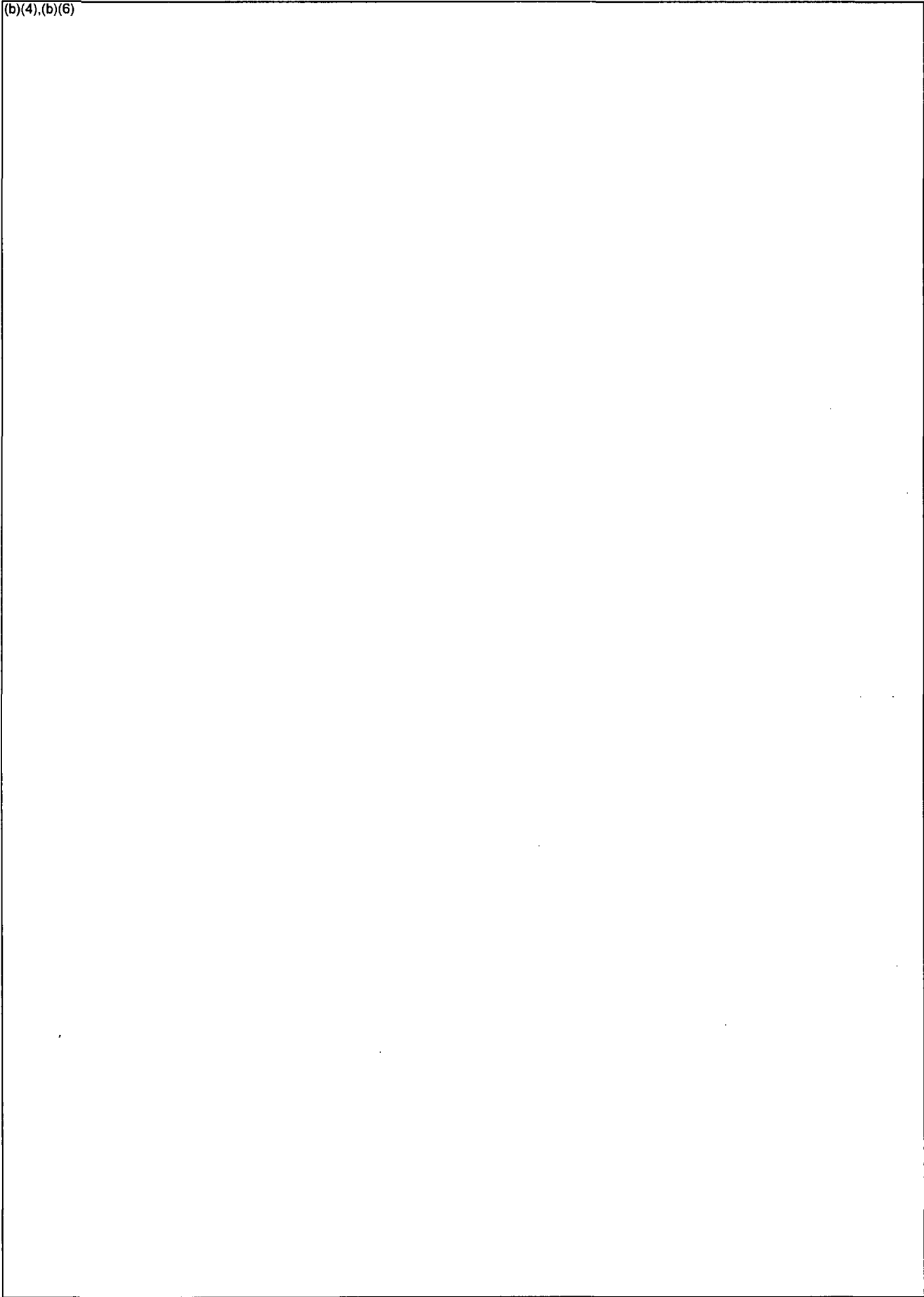
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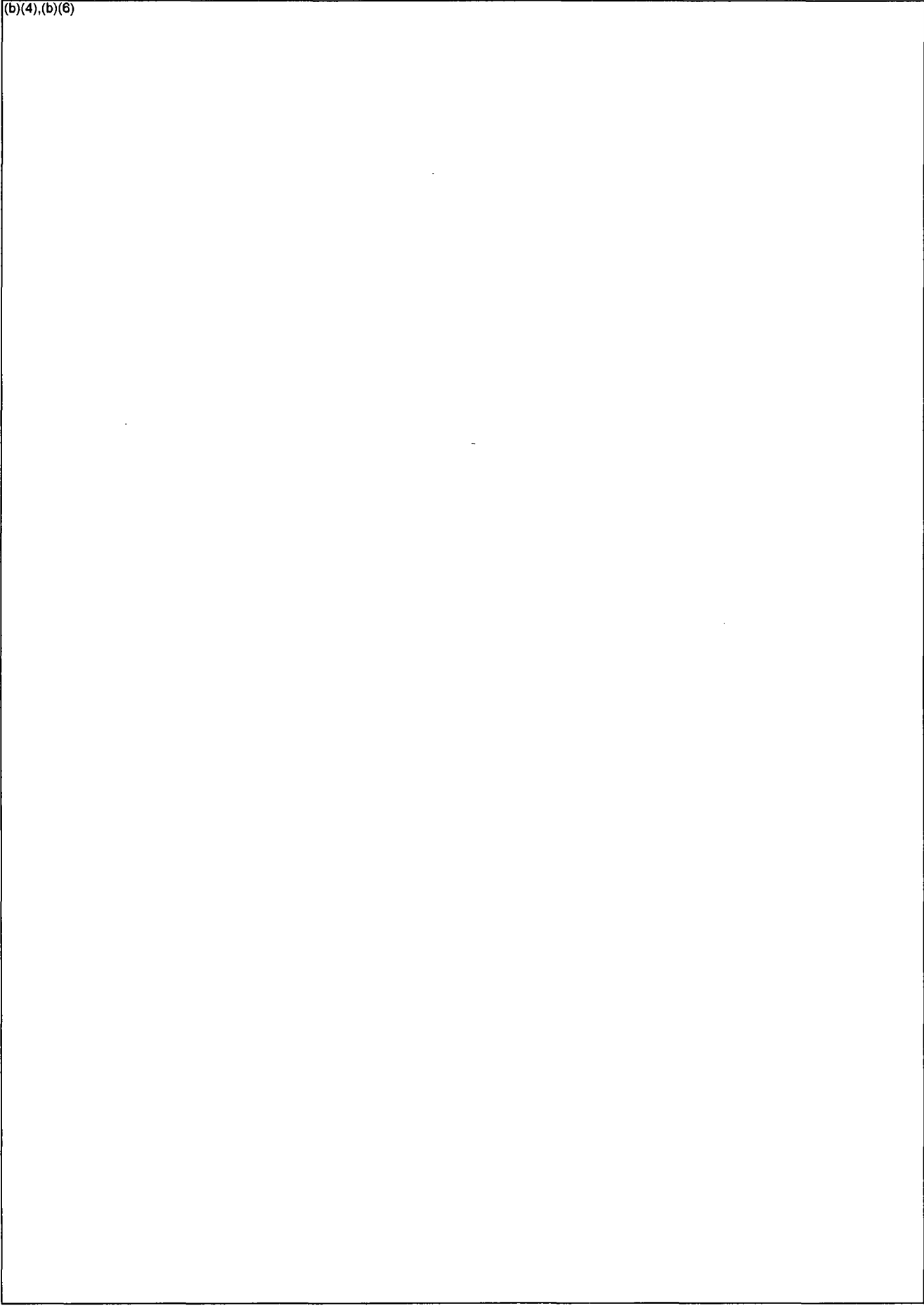
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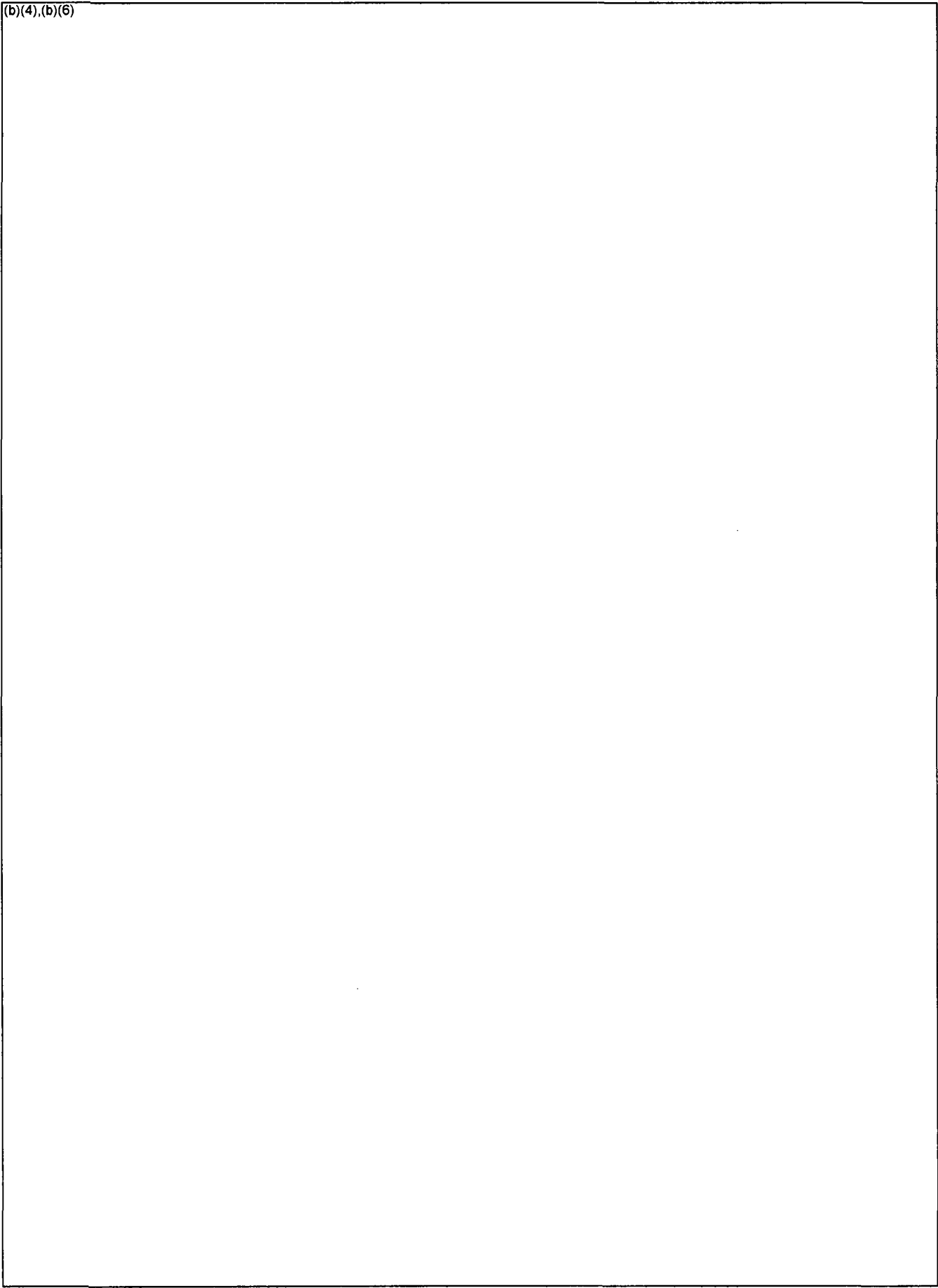
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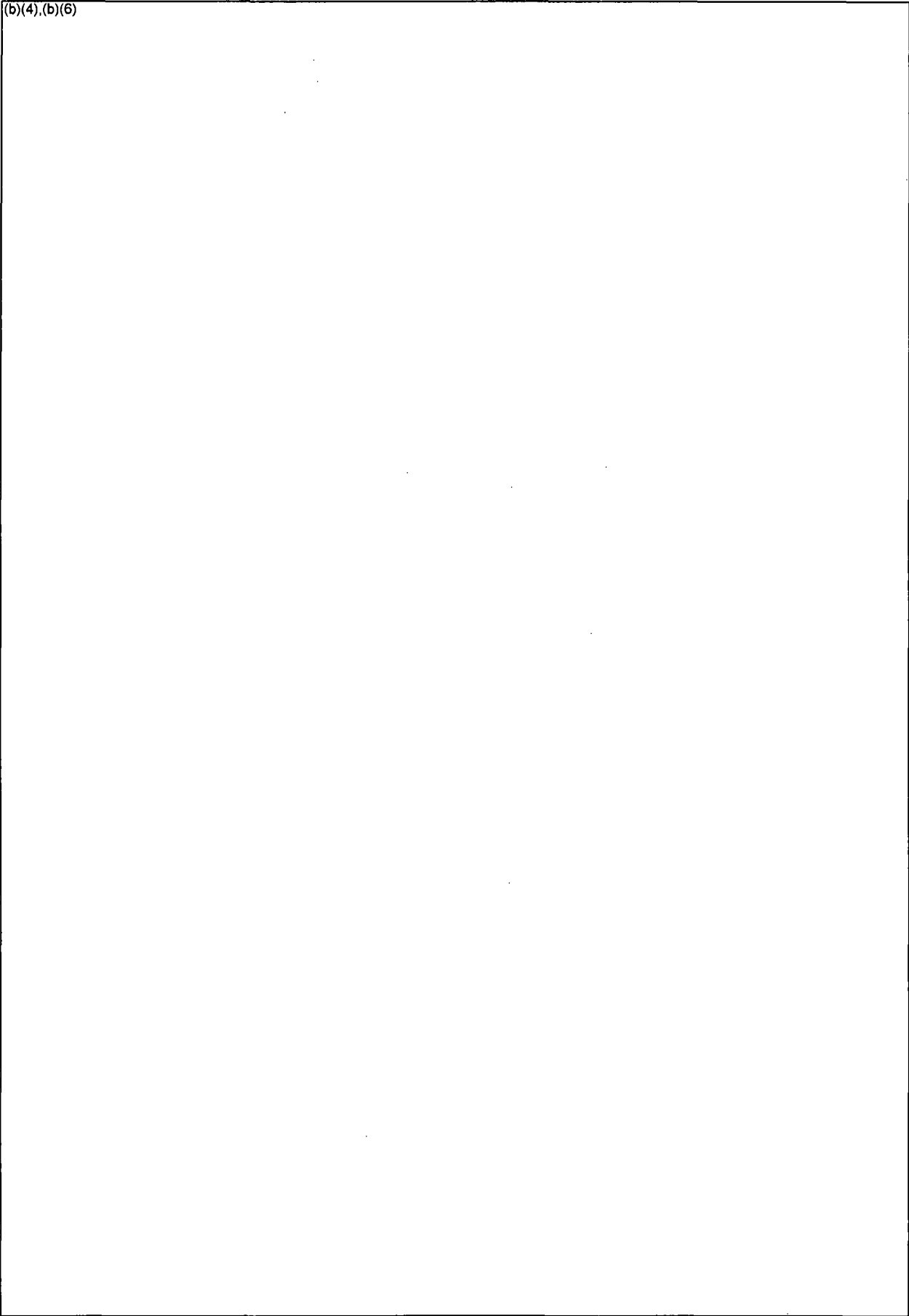
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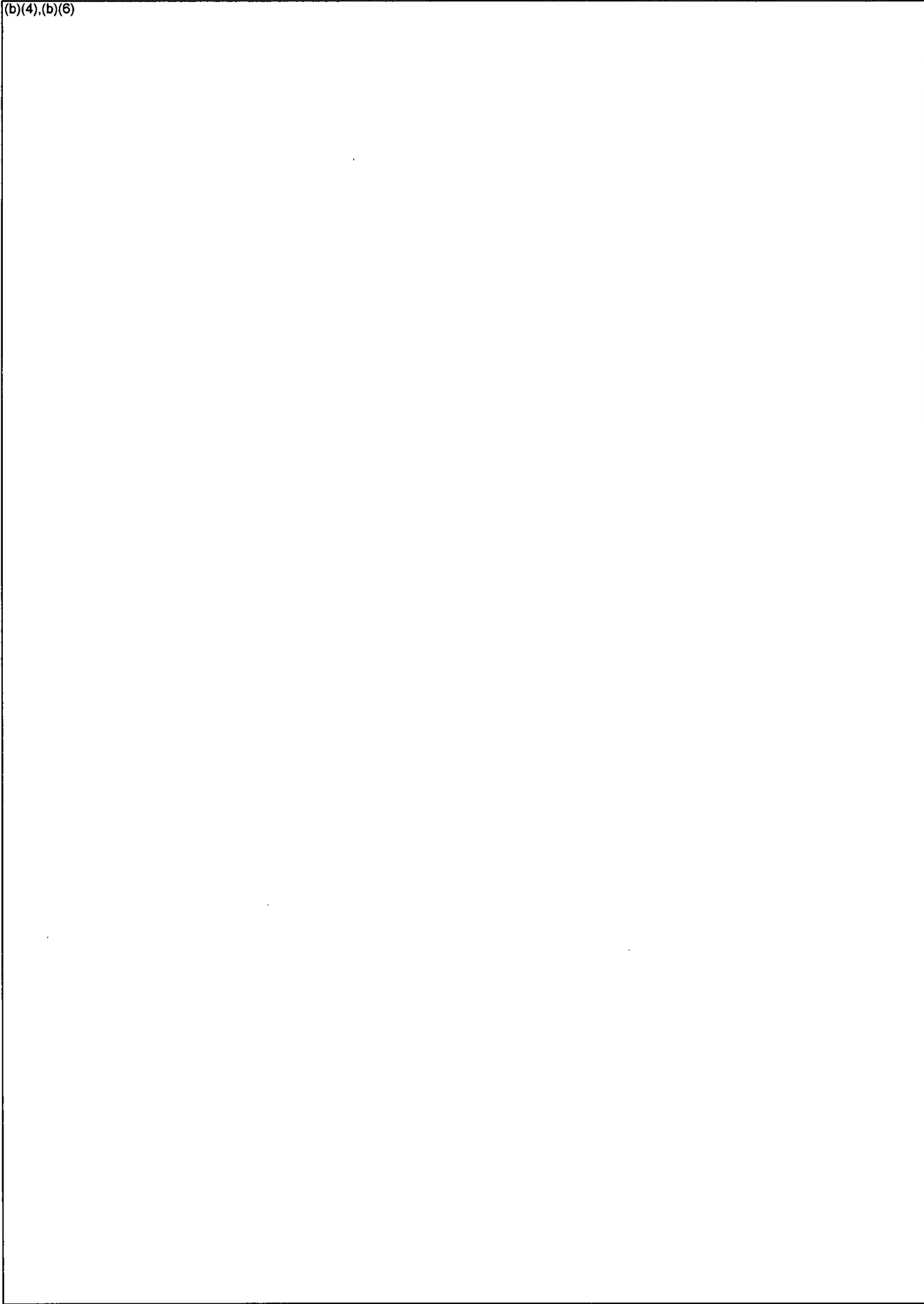
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