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## ANO UNIT 2 - 2000 INITIAL RO EXAM ANSWER KEY

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QUESTION: 1	QID: 0086	Point: 1.00
C. 2 hours, prevent pellet-clad interaction.		
QUESTION: 2	QID: 0014	Point: 1.00
A. To ensure that RCS Inventory is NOT lost.		
QUESTION: 3	QID: 0057	Point: 1.00
C. RCP Recirc Impeller.		
QUESTION: 4	QID: 0223	Point: 1.00
D. Perform a manual reactor trip and go to 2202.001, Standard Post Trip Actions		
QUESTION: 5	QID: 0219	Point: 1.00
A. Hi-Hi alarm signal on Radwaste Area Disch 2VEF-8A/B Process Rad Monitor 2RITS-8542.		
QUESTION: 6	QID: 0212	Point: 1.00
B. Proportional heaters are OFF and backup heaters are ON.		
QUESTION: 7	QID: 0209	Point: 1.00
D. Actual level will be lower than indicated level due to reference leg temperature increase.		
QUESTION: 8	QID: 0201	Point: 1.00
B. Locally start and manually control EFW Pump 2P7A.		
QUESTION: 9	QID: 0228	Point: 1.00
C. To prevent thermal shocking the RCPs upon restart of CCW Pumps.		
QUESTION: 10	QID: 0260	Point: 1.00
A. Equalize Condensate flow. OR B. Prevent Condensate piping overpressurization.		
QUESTION: 11	QID: 0206	Point: 1.00
B. Place AACDG on 2A4 and start LPSI Pump 2P60B.		
QUESTION: 12	QID: 0256	Point: 1.00
D. Service Water is aligned to cooling coils and bypass dampers are opened.		
QUESTION: 13	QID: 0241	Point: 1.00
B. Racked up fully with control power energized.		
QUESTION: 14	QID: 0258	Point: 1.00
D. Channel D does NOT bypass, Channel A is removed from bypass, a reactor trip and SIAS do NOT occur.		
QUESTION: 15	QID: 0253	Point: 1.00
A. actuated the Bridge-Trolley Interlock and this button must be depressed before bridge movement will be allowed.		

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QUESTION: 16	QID: 0247	Point: 1.00
C. Repressurize RCS to restore Margin to Saturation.		
QUESTION: 17	QID: 0233	Point: 1.00
B. Trip the Reactor.		
QUESTION: 18	QID: 0283	Point: 1.00
D. Cross-tie 2B5 and 2B6 and close ESF Header Recirc Isolation 2CV-5628-2.		
QUESTION: 19	QID: 0273	Point: 1.00
A. Locally shift CCW Pump Room drains to Auxiliary Building.		
QUESTION: 20	QID: 0268	Point: 1.00
B. Maintain Margin To Saturation > 50 degrees F.		
QUESTION: 21	QID: 0262	Point: 1.00
D. Cross-connect IA with Unit 1.		
QUESTION: 22	QID: 0227	Point: 1.00
A. Count rate rises because the level in the down comer drops.		
QUESTION: 23	QID: 0204	Point: 1.00
A. Ensure both Hydrogen Recombiners in service.		
QUESTION: 24	QID: 0221	Point: 1.00
B. 14 GPM.		
QUESTION: 25	QID: 0215	Point: 1.00
C. Automatic pre-action sprinkler.		
QUESTION: 26	QID: 0068	Point: 1.00
C. 23 - 26% Narrow Range.		
QUESTION: 27	QID: 0017	Point: 1.00
B. 22.0 psia.		
QUESTION: 28	QID: 0295	Point: 1.00
B. Increasing RCS temperature to 225F.		
QUESTION: 29	QID: 0272	Point: 1.00
D. 2502.001, Refueling Shuffle		
QUESTION: 30	QID: 0008	Point: 1.00
C. CO2 Extinguisher.		
QUESTION: 31	QID: 0255	Point: 1.00
C. Trip remaining RCPs and isolate CCW to Containment.		

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QUESTION: 32	QID: 0280	Point: 1.00
D. Asymmetric Steam Generator Trip.		
QUESTION: 33	QID: 0088	Point: 1.00
C. Reactor trip with Tave less than or equal to 552F.		
QUESTION: 34	QID: 0009	Point: 1.00
A. Lift Coil.		
QUESTION: 35	QID: 0051	Point: 1.00
B. RCS Tavg.		
QUESTION: 36	QID: 0218	Point: 1.00
B. 5.0 inch misalignment detected by CEACs.		
QUESTION: 37	QID: 0225	Point: 1.00
A. Tie AACG to 4160 VAC Bus 2A1 and feed SGs with Auxiliary Feedwater Pump 2P75.		
QUESTION: 38	QID: 0301	Point: 1.00
D. Controlled Bleedoff (CBO) flow 5.8 gpm and CBO temperatue 181F and rising.		
QUESTION: 39	QID: 0199	Point: 1.00
D. Directed to Containment floor drains.		
QUESTION: 40	QID: 0108	Point: 1.00
C. Enables High Log Power Trip.		
QUESTION: 41	QID: 0264	Point: 1.00
D. Restore RVLMS to Level 2 wet.		
QUESTION: 42	QID: 0274	Point: 1.00
D. Take 2HS-1038-2 and 2HS-1025B-1 to MSIS override and commence manual feed.		
QUESTION: 43	QID: 0126	Point: 1.00
C. At about 2E-2% (Log Safety Channel), the NIs shift from a count rate circuit to the Campbelling Circuit and there is no other noticeable indication change.		
QUESTION: 44	QID: 0231	Point: 1.00
A. Commence emergency boration via gravity feed valves.		
QUESTION: 45	QID: 0298	Point: 1.00
A. Self contained breathing aprpratus (SCBA), due to control room watch standing requirements.		
QUESTION: 46	QID: 0242	Point: 1.00
B. Open 2EFW-6.		

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QUESTION: 47	QID: 0251	Point: 1.00
C. SG "A" will initially shrink then slowly rise until HLO isolates feedwater.		
QUESTION: 48	QID: 0297	Point: 1.00
D. WCO will exceed annual ANO Admin whole body (TEDE) limits for radiation workers.		
QUESTION: 49	QID: 0234	Point: 1.00
A. London Fire Department.		
QUESTION: 50	QID: 0261	Point: 1.00
D. Reactor power approximately 50%, Tave approximately 560 degrees F.		
QUESTION: 51	QID: 0279	Point: 1.00
A. Cntmt Building will be sprayed down with water from Reactor Coolant System (RCS).		
QUESTION: 52	QID: 0276	Point: 1.00
C. Reduce #2EDG load to 2800 KW.		
QUESTION: 53	QID: 0294	Point: 1.00
C. COLSS Plant Power (CV9000) indicates < 20% Power.		
QUESTION: 54	QID: 0265	Point: 1.00
D. Depress DSS pushbutton on Panel 2C03.		
QUESTION: 55	QID: 0226	Point: 1.00
DELETED		
QUESTION: 56	QID: 0200	Point: 1.00
D. Reactor power decreases, letdown flow decreases, feedwater flow increases.		
QUESTION: 57	QID: 0207	Point: 1.00
B. SG levels at 10% with EFW Pump 2P7A total flow 615 gpm.		
QUESTION: 58	QID: 0195	Point: 1.00
C. Stuck open Pressurizer Safety Valve.		
QUESTION: 59	QID: 0217	Point: 1.00
DELETED		
QUESTION: 60	QID: 0080	Point: 1.00
C. 2K03-A3 2E11A Pressure Hi		
QUESTION: 61	QID: 0032	Point: 1.00
D. A rapid repressurization of the RCS and subsequent pressurized thermal shock.		

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QUESTION: 62	QID: 0085	Point: 1.00
D. Thot - CET differential temperature.		
QUESTION: 63	QID: 0119	Point: 1.00
C. Upper Electrical Limit.		
QUESTION: 64	QID: 0142	Point: 1.00
D. Immediately trip the reactor and stop RCP 2P32B.		
QUESTION: 65	QID: 0112	Point: 1.00
A. Back pressure regulating valve closes down.		
QUESTION: 66	QID: 0100	Point: 1.00
D. To return Pressurizer water temperature to saturation.		
QUESTION: 67	QID: 0083	Point: 1.00
B. All Pressurizer Heaters will de-energize.		
QUESTION: 68	QID: 0082	Point: 1.00
A. Start EFW Pump 2P7B, override and throttle open 2CV-1025-1 and 2CV-1075-1.		
QUESTION: 69	QID: 0220	Point: 1.00
D. Atmospheric Dump Valve 2CV-0305 failed open.		
QUESTION: 70	QID: 0208	Point: 1.00
B. VCT Outlet Valve (2CV-4873-1) fails closed.		
QUESTION: 71	QID: 0196	Point: 1.00
B. The secondary steam is superheated, the primary steam is saturated.		
QUESTION: 72	QID: 0229	Point: 1.00
A. When RCS pressure starts to increase, stabilize pressure by using Main or Aux Spray.		
QUESTION: 73	QID: 0266	Point: 1.00
D. Crosstie 2Y1 and 2Y2.		
QUESTION: 74	QID: 0271	Point: 1.00
D. Suspend all core alterations since neutron flux monitoring unavailable.		
QUESTION: 75	QID: 0275	Point: 1.00
C. During dry fuel storage operations.		
QUESTION: 76	QID: 0281	Point: 1.00
D. Place AACDG on 2A4 Bus.		
QUESTION: 77	QID: 0232	Point: 1.00
C. CBOR will open Reactor Trip Circuit Breakers 1 through 8 locally.		

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QUESTION: 78	QID: 0237	Point: 1.00
A. A continuous automatic makeup demand signal would be present; high and low level alarms are disabled.		
QUESTION: 79	QID: 0285	Point: 1.00
B. Depressurize RCS to 1300 psia and use HPSI injection for boration.		
QUESTION: 80	QID: 0248	Point: 1.00
B. Override and close Containment Sump Isolation valves 2CV-5647-1 and 2CV-5649-1.		
QUESTION: 81	QID: 0254	Point: 1.00
B. Trip remaining Main Feed Pumps.		
QUESTION: 82	QID: 0306	Point: 1.00
D. Obtain emergency dosimetry, enter Aux Building and do not exceed 3 Rem.		
QUESTION: 83	QID: 0235	Point: 1.00
C. Start 2VEF-14B, Spent Fuel Pool Area Exhaust Fan.		
QUESTION: 84	QID: 0250	Point: 1.00
A. Two independent samples, release rate calculations and valve lineup verifications must be performed.		
QUESTION: 85	QID: 0270	Point: 1.00
A. Shift Supervisor's Office (Door 450) and Unit 2 Control Room Foyer (Door 342).		
QUESTION: 86	QID: 0277	Point: 1.00
D. Failed Fuel.		
QUESTION: 87	QID: 0267	Point: 1.00
B. Restore SW to ACW.		
QUESTION: 88	QID: 0198	Point: 1.00
C. Bypass Trip #11, "A" SG Pressure Low AND Trips #19 & 20, SG-1 & SG-2 Delta P High on PPS Channel A.		
QUESTION: 89	QID: 0211	Point: 1.00
A. T-ave will increase.		
QUESTION: 90	QID: 0222	Point: 1.00
C. Breakers 3 and 7.		
QUESTION: 91	QID: 0013	Point: 1.00
B. Changes in xenon concentration will make rod recovery more hazardous over the next eight (8) hours.		

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QUESTION: 92	QID: 0122	Point: 1.00
A. Visually observe the positioner throttling the valve to the correct position.		
QUESTION: 93	QID: 0163	Point: 1.00
B. Continuous rod withdrawal.		
QUESTION: 94	QID: 0214	Point: 1.00
D. Generator phase differential current.		
QUESTION: 95	QID: 0263	Point: 1.00
A. SPDS.		
QUESTION: 96	QID: 0278	Point: 1.00
B. ACW Supply Isolation MOV 2CV-1425-1 over-ridden open.		
QUESTION: 97	QID: 0230	Point: 1.00
A. Low pressure trip from the Core Protection Calculators (CPCs).		
QUESTION: 98	QID: 0238	Point: 1.00
C. Rubber Shoes.		
QUESTION: 99	QID: 0246	Point: 1.00
B. Reduce RCS pressure to within 50 psi of "A" SG pressure.		
QUESTION: 100	QID: 0249	Point: 1.00
B. During an Inadvertent SIAS by overriding Service Water to Auxiliary Cooling Water.		

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