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SUBJECT: Forwards list showing current status & schedule for closure of SER open items.Schedule for proposed meetings also provided.Concurrence requested.

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NIAGARA MOHAWK

NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

June 18, 1984
(NMP2L 0082)

Mr. A. Schwencer, Branch Chief
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Re: Nine Mile Point Unit 2
Docket No. 50-410

Dear Mr. Schwencer:

Attached please find the current status and schedule for closure of SER open items. The attached list shows a current status based upon our meetings with the NRC to close SER open items out. We believe that the list indicates the correct status which should be used as a tracking mechanism for our joint efforts in resolving the open items discussed in the SER for Nine Mile Point Unit 2. The list also provides a schedule for closure of open items. These dates represent the schedule for submittal of additional information or clarification for the staff to close these issues. We are also providing a schedule for proposed meetings to resolve SER open items.

We would appreciate your concurrence to the attached list to ensure a smooth closeout and resolution of the SER open items.

Very truly yours,

C. V. Mangan
Vice President
Nuclear Engineering & Licensing

NLR/CVM:ja
Enclosure

xc: Project File

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Issue		DSER Section	Status
(1)	nearest population center	2.1	Confirmatory 6/30
(2)	long-term diffusion estimates	2.3.5	NRC action
(3)	seismic design of revetment ditch and flood protection berms	2.4.10	6/30
(4)	protection against PMP	2.4.2.2	7/30
(5)	protection of the main stack from wave forces from PMWS	2.4.10	Closed 240.17
(6)	adequacy of the ultimate heat sink	2.4.11.2	6/30
(7)	ground water level	2.4.12.2	Closed 240.15, Section 3.8.4.3, Table 3.8-10, 3.8-11
(8)	analysis of postulated rupture of a liquid radwaste tank	2.4.13	NRC action
(9)	recalculation of the changing stresses at the site, assuming shallower burial depths than in the original calculations	2.5.1, 2.5.2	6/30
(10)	an evaluation of the significance of the decoupled regional stress regimes in the Paleozoic and basement rocks measured in the site region	2.5.1	6/30
(11)	assessment of seismic or aseismic origin of sedimentary structures	2.5.1, 2.5.2	6/30
(12)	monitoring program of the Cooling Tower Fault designed to ascertain the strain or displacement rate on the fault	2.5.1, 2.5.2	6/30
(13)	magnitude of the fault movement for all seismic Category I structures in the power block	2.5.4.5.1	Closed; Table 2.5-43
(14)	excavation, backfill and geological mapping data of the main stack	2.5.4.4.3	5/30 closed
(15)	liquefaction potential analysis for the Category I electrical duct bank and manhole	2.5.4.7	5/30 closed
(16)	update of slope inclinometer and rock extensometer data	2.5.4.10	5/30 closed

Issue		DSER Section	Status
(17)	dynamic stability of the slopes of the revetment ditch	2.5.6.2.3, 2.5.6.2.4	5/30 closed 241.17
(18)	PMP - flood protection berm	2.5.6.3	6/30
(19)	turbine maintenance	3.5.1.3	7/30
(20)	(a) adequacy of tornado missile protection for diesel generator exhaust outside air intakes for HVAC systems	3.5.2	(a) Closed Table 3.5-22
	(b) safety-related buried piping		(b) Redundant to #75. Closed
(21)	effects of postulated pipe breaks	3.6.1	210.20, 210.21, 210.22 & 210.23 - Closed; 410.15 - June 30
(22)	stress and cumulative usage factor limits and inspection requirements for piping inside the break exclusion zone	3.6.2	210.17 Closed
(23)	postulation of moderate energy cracks inside containment and of high-energy cracks	3.6.2	210.21, 210.22, Closed
(24)	postulation of pipe ruptures	3.6.2	210.23 Closed
(25)	feedwater isolation check valves	3.6.2	210.35 Closed
(26)	design of pipe rupture restraints	3.6.2	210.27, 210.26 Closed
(27)	vertical floor flexibility in the seismic analysis	3.7.3	6/30
(28)	results of the concrete containment ultimate capacity analysis	3.8.1	Closed 220.29
(29)	containment response to SRV/pool dynamic loads	3.8.1	210.48 Closed
(30)	deviations from the applicable provisions of ASME Section III, Division 2	3.8.1	6/30
(31)	deviations from the applicable requirements of ACI 349 as amended by RG 1.142	3.8.3, 3.8.4, 3.8.5	6/30
(32)	SRV/pool dynamic loads on containment interior structure	3.8.3	License condition structural audit item #1 complete 9/85. See letter dated 2/10/84

Issue		DSER Section	Status
(33)	consideration of upward seismic load effects in the foundation stability analysis of the screen-well building	3.8.5	Closed. NMPC letter 2/10/84
(34)	structural audit action items	3.8.1, 3.8.6	Open/closed NMPC letter 2/10/84, 3/30/84 June 30
(35)	systems and locations to be monitored during the pre-operational testing program	3.9.2.1	210.37 6/30
(36)	acceptance criteria for observed or measured vibration levels	3.9.2.1	210.37 6/30
(37)	inclusion of all essential safety-related instrument lines in the vibration monitoring program	3.9.2.1	210.37 6/30
(38)	seismic design of HVAC systems	3.9.2.2	210.43 Closed
(39)	seismic methods used for the analysis of the safety-related piping in pipe tunnels	3.9.2.2	6/30
(40)	documentation of analysis for combined loads (LOCA and SSE)	3.9.2.4	210.54 Closed
(41)	methodology of combining loads	3.9.3.1	210.54 Closed
(42)	clarification of the BWR Mark II hydrodynamic loads	3.9.3.1	210.49 Closed
(43)	assurance that downcomers will not develop fatigue cracks	3.9.3.1	210.50 Closed
(44)	design of piping and supports in the wetwell area	3.9.3.1	210.53 Closed
(45)	design of SRVs and attached discharge piping	3.9.3.2	210.45, 210.47 Closed
(46)	design and construction of ASME Class 1, 2 and 3 component supports	3.9.3.3	210.55 Closed
(47)	stress categories and limits for core support structures and the applicable codes used for evaluation of the faulted condition	3.9.5	210.61 Closed
(48)	response to IE Bulletin 80-07	3.9.5	210.46 Closed
(49)	leak rate testing of isolation valves	3.9.6	210.62 Closed

Issue		DSER Section	Status
(50)	preservice and inservice testing of pumps and valves	3.9.6	210.63 Closed
(51)	seismic and dynamic equipment qualification program (a) 51-1 to 51-8 (b) 51-9	3.10	 (a) 12/84 (b) closed 2/10/84
(52)	pump and valve operability assurance 52-1 to 52-8	3.10	12/84
(53)	dependability of containment isolation (purge valves)	3.10	Enclosure 11 9/84
(54)	performance testing of relief and safety valve (II.D.1)	3.10	Enclosure 12 5/30
(55)	qualification of accumulators on automatic depressurization system valves (II.K.3.28)	3.10	Enclosure 13 5/30
(56)	long-term operability of deep draft pumps	3.10	Closed 271.10
(57)	environmental qualification of equipment (a) 57-1 (b) 57-2	3.11	9/30 (a) 5/30 (b) 6/30
(58)	irradiation fuel surveillance program	4.2	6/30
(59)	LPMS (loose parts monitoring system)	4.4.6 and (Table 4.4.0)	Closed
(60)	inadequate core cooling detection system (II.F.2)	4.4.7	7/30
(61)	pipe break in the BWR scram	4.6	410.16 closed
(62)	(same as 64)		Redundant to 64 closed
(63)	P-T (pressure-temperature) curves	5.3.2, 5.3.3	5/30 251.06 Closed
(64)	ratio of neutron flux density of specimens in the surveillance capsule to peak neutron flux density at RPV	5.3.3, 5.3.1.2	5/30 251.04 Closed
(65)	reactor coolant pressure boundary inservice inspection and testing	5.2.4	Closed Amendment 9
(66)	fracture prevention of containment pressure boundary	6.2.7	7/30

Issue		DSER Section	Status
(67)	control room habitability	6.4	Closed 450.3
(68)	exceptions and deviations to RG 1.52, Rev. 2	6.5.5	Closed 450.3
(69)	fission product control systems	6.5.3	Closed 450.3
(70)	inservice inspection of Class 2 and 3 components	6.6	ISI 8/30
(71)	spent fuel storage pool materials surveillance	9.1.2	6/30
(72)	spent fuel pool design	9.1.2	7/30
(73)	light load handling system	9.1.4	Closed 410.37
(74)	heavy loads	9.1.5	410.28 6/30
(75)	failure of nonseismic buried pipe near safety-related buried pipe	9.2.1	5/30 Closed (9.2.1.3)
(76)	backup nitrogen supply system	9.3.1	6/30
(77)	periodic air quality testing	9.3.1	410.37 Closed
(78)	flooding by rupture of nonseismic Category D piping, vessels or tanks or by failure of a back-flow prevention device in the drainage system	9.3.3	6/30
(79)	postaccident sampling (II.B.3)	9.3.2	7/30
(80)	drainage of leakage water away from safety-related components or systems	9.3.3	410.38 6/30
(81)	design capability of the CB HVAC system (410.41 and 410.42)	9.4.1	410.41, 410.42 Closed
(82)	protection against hydrogen accumulation in the battery rooms	9.4.1	Closed Section 9A3.7.7
(83)	outdoor temperatures assumed for sizing of the CB HVAC	9.4.1	Closed 410.41, 410.42
(84)	spent fuel pool area ventilation system	9.4.2	Closed 9.4.2.2.3
(85)	tornado missile protection for diesel generator building louvers	9.4.5	Closed Table 3.5-22
(86)	diesel generator building HVAC system conformance to GDC 4 (same as 85)	9.4.5	Closed Table 3.5-22

Issue		DSER Section	Status
(87)	protection of essential electrical components from failure due to the accumulation of dust and particulate material	9.4.4	Closed 430.102
(88)	potential systems interaction	9.5.1.II.B	6/30
(89)	administrative controls	9.5.1.III	7/30
(90)	fire brigade and fire brigade training	9.5.1.IV	Closed Section 13.2.12
(91)	qualification of fire doors	9.5.1.V.A	6/30
(92)	floor drains	9.5.1.V.A	6/30
(93)	safe shutdown capability	9.5.1.V.B	7/30
(94)	alternate shutdown capability	9.5.1.V.B	7/30
(95)	emergency lighting	9.5.1.V.G	280.1 9/30
(96)	installation of fire detectors	9.5.1.VI.A	6/30
(97)	qualification of the electric fire pump	9.5.1.VI.A	6/30
(98)	valve supervision	9.5.1.VI.B	5/30
(99)	quality group classification information on the design of the turbine gland sealing system	10.4.3.5	6/30
(100)	protection of safety-related systems from flooding from a postulated failure of a circulating water expansion joint or line failure as a result of an SSE	10.4.5	6/30
(101)	parameters used for calculating liquid and gaseous source terms	11.1.2	7/30
(102)	assessment of the capability of liquid and gaseous radwaste systems for keeping the levels of radioactivity in effluents ALARA	11.2.1, 11.2.2, 11.3.1	NRC action
(103)	assessment of charcoal absorber tank failure for 10 CFR 100 dose guidelines	11.3.1	7/30
(104)	process control program for the solid radwaste system	11.4.1, 11.4.2	License condition 12/84 460.18

Issue		DSER Section	Status
(180)	ability of suction strainer to limit debris from blocking primary system flowpaths	6.2.2	Closed 480.14
(181)	fiberglass insulation debris in downcomer vents and RHR intake	6.2.2	7/30
(182)	secondary containment functional design	6.2.3	7/30
	(a) neglect of heat loads in secondary containment drawdown loads		
	(b) SGTS	6.2.3	
	(c) bypass leakage pass barriers	6.2.3	
(183)	containment isolation	6.2.4, 6.2.4.2	7/30
(184)	containment purge	6.2.4.1, 6.2.4.2	7/30
(185)	combustible gas control	6.2.5	7/30
(186)	containment leak testing	6.2.6	7/30
(187)	recalculation of steam bypass capability	6.2.1.8	7/30
(188)	Branch Technical Positions related to instrumentation and control systems (421.1)	7	421.1 closed
(189)	applicability of 10 CFR 50, Appendix B, to instrumentation and control systems (421.2)	7	421.2 closed
(190)	first-of-a-kind instrumentation (421.3)	7	421.3 6/30
(191)	conformance to RG 1.47 (42.14)	7	421.4 6/30
(192)	physical separation of instrumentation and control circuits (421.5)	7	421.5 6/30
(193)	shared systems (421.6)	7	Closed 421.6
(194)	electrical distribution systems (421.7)	7	Closed 421.7
(195)	single failures of passive components (421.8)	7	Closed 421.8
(196)	similarity of design (421.9)	7	Closed 421.9

Issue	DSER Section	Status

SUGGESTED SER OPEN ITEMS MEETINGS

June 28 & 29	Power Systems Questions 430.2 to 430.117
July 3 and 5	SER Items 19, 49, 50, 52, 53, 54, 70, 71, 77, 89, 90, 98, 105, 109, 121, 123, 124, 125, 126, 127, 128, 129, 130, 132, 133, 134, 135, 165
July 9 & 10	SER Items 136 thru 144, 154, 155, 156, 157, 158, 159, 160, 161, 162
July 11 & 12	SER Items Remaining SER Items 4, 18, 39, 42, 60, 65, 79, 147, 152, 153, 163, 165-168, 171, 173, 176, 177, 180, 181, 182-187
August 22	ICSB SER Items 188 thru 233