



Battelle

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April 4, 1980

Mr. Frank G. Pagano, Chief
Emergency Preparedness Branch
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Pagano:

MONTHLY STATUS LETTER REPORT FOR MARCH 1980

During the month of March 1980, Battelle's efforts in providing technical assistance to the Emergency Preparedness Task Force consisted of:

- M. L. Smith reviewed the TMI, Surry, North Anna and St. Lucie plans. The response to NRR regarding the TMI, North Anna, Turkey Point, St. Lucie and Surry emergency plans for NRR to review and put into final form for submission to the license is being prepared. A site visit to Surry was made. The report for the Turkey Point visit was completed.
- J. J. Fix participated in a site visit to Joseph M. Farley. The trip report will be completed in April. The LaCrosse Emergency Plan was reviewed. Other plans to be reviewed include D.C. Cook, Cooper, and Ft. Calhoun. Arrangements have been completed to hold a workshop to instruct Battelle members of the NRC emergency teams on methods of answering questions posed by the press and members of audiences. Simulated events will be held using videotape to provide rapid feedback. Experience gained on the site visits will

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greatly benefit the workshop. The workshop is scheduled during the week of April 14.

- D. L. Prezbindowski made a site visit to the Brunswick nuclear plant. The emergency plans were reviewed and evaluated prior to the site visit. Comments were provided to the team leader.
- W. H. Knox evaluated the Rancho Seco Nuclear Power Plant emergency plan. Discussions of the plan's deficiencies were discussed with Sacramento Municipal Utility and state/local officials. The site report for the Prairie Island and Monticello sites will be submitted in April.
- J. G. Myers submitted a letter report on emergency plans for the Peach Bottom and Oyster Creek sites. The letter report on the Fitzpatrick site is being prepared.
- A. E. Desrosiers completed trip reports on site visits to the Yankee Rowe and Vermont Yankee sites. The emergency preparedness plans for Connecticut Yankee and Millstone Point, Units 1 and 2 were reviewed and comments submitted. The analysis of emergency action levels at Zimmer and Trojan is being completed.
- Data were obtained from the NRC Regional Office in Atlanta on response of containment radiation monitors during the incident at Crystal River. This data will be compared to the containment exposure rate calculations presented in emergency plans.

- Abstracts were written for IAEA, APHA and HPS meetings. The HPS has accepted three papers on emergency preparedness by members of our project staff (Schuller, Smith, Desrosiers).
- G. A. Stoetzel is working on updating PNL's reviewers workbook based on the new NRC-FEMA criteria. The revised workbook has the same outline as NUREG-0654 and contains most of its criteria including state and local plan requirements. The workbook differs from NUREG-0654 in that:
 - a) Subheadings have been added for better organization;
 - b) Explanative remarks have been added after certain NRC-FEMA criteria;
 - c) Criteria from additional sources have been added (such as RGI-101, NUREG-0578, NUREG-0610, revised App. E).

There will be a meeting of PNL reviewers during the 2nd and 3rd week of April to discuss the new workbook. Based on comments at the meeting, the workbook will be revised and then distributed to PNL personnel for use in reviewing licensee, state, and local emergency plans. In addition, it will be sent to NRC for comment.

The costed and uncosted obligations that have been incurred under our contract are detailed in Tables 1-3. These tables outline the distribution of

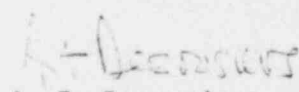
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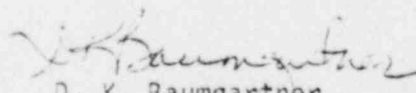
costs according to the seven cost categories of our proposal (form 189).
Following is a synopsis of our gross cumulative expenditures in thousands
of dollars:

<u>CY</u>	<u>MONTH</u>	<u>PROJECTED</u>	<u>ACTUAL</u>
1980	January	280	253
1980	February	355	308
1980	March	430	385
1980	April	505	

W. H. Knox and R. D. Glenn have resigned their positions at Battelle, effective 30 APR 80. J. B. Martin has been assigned increased managerial responsibilities and will not be able to participate in site visits after 30 APR 80. Replacements should be available in time to avoid disruptions of the work schedule. However, some rearrangement of the team assignments may be necessary.

Sincerely,


A. E. Desrosiers
Sr. Research Scientist


D. K. Baumgartner
Financial Specialist

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TABLE 1
MONTHLY COSTS: 30 MAR 80
Dollars

CATEGORY	BOOKED	NOT BOOKED	TOTAL
Salaries	18,686	--	18,686
Mat. & Services	942	--	942
ADP	129	--	129
Subcontracts*	11,690	23,542	35,232
Captail Equip.	--	--	--
Travel	7,233	--	7,233
Adm. Exp.	19,878	--	19,878
TOTAL	58,558	23,542	82,100

*HARC's billings shown as subcontract costs

TABLE 2

TTD COSTS: 30 MAR 80
(Dollars)

CATEGORY	BOOKED	NOT BOOKED	TOTAL
Salaries	98,335	--	98,335
Mat. & Services	8,152	--	8,152
ADP	632	--	632
Subcontracts*	92,450	45,236	137,686
Capital Equip.	--	--	--
Travel	35,480	--	35,480
Adm. Exp.	105,059	--	105,059
TOTAL	340,108	45,236	385,344

*HARC's billings shown as subcontract costs

TABLE 3

COST INCURRED UNDER THE SUBCONTRACT WITH HARC*
(Dollars)

CATEGORY	CM	TTD
Salary	6,414	44,077
Mat. & Serv.	383	2,936
ADP	--	--
Subcontracts	--	--
Capital Equip.	--	--
Travel	3,063	9,564
Adm. Exp.	8,082	51,613
TOTAL	17,942	108,190

*All costs have not been booked as of 30 MAR 80