

NOVEMBER 8, 1984 NOV 13 AM 10:54

REGION V IAF

MR. J. B. MARTIN, REGIONAL ADMINISTRATOR
UNITED STATES NUCLEAR REGULATORY COMMISSION
REGION V SUITE 210
1450 MARIA LANE
WALNUT CREEK, CA 94596

RE: 10CFR PART 21
NOTIFICATION

DEAR SIR:

IN ACCORDANCE WITH REFERENCED REGULATIONS WE ARE PROVIDING
THE FOLLOWING WRITTEN REPORT TO AMPLIFY THE VERBAL REPORT
GIVEN TO YOUR OFFICE ON NOVEMBER 1, 1984:

1) NAME AND ADDRESS OF INDIVIDUALS
INFORMING THE COMMISSION:

MR. B. JENKINS
MR. R. PRESTON
MR. H. GRAPER

HEXCEL/MCI DIVISION
140 NORTH ORANGE AVENUE
CITY OF INDUSTRY, CA 91744

2) IDENTIFICATION OF FACILITY(S) TO WHICH
BASIC COMPONENTS HAVE BEEN SUPPLIED
WHICH MAY FAIL TO COMPLY OR WHICH MAY
CONTAIN A DEFECT:

AT THIS TIME, WE BELIEVE THAT THE FOLLOWING FACILITIES
HAVE BEEN SUPPLIED WITH MATERIALS WHICH MAY FAIL TO
COMPLY OR WHICH MAY CONTAIN A DEFECT:

BYRON PLANTS

COMMONWEALTH EDISON COMPANY
4450 GERMAN CHURCH
BYRON, ILL 61010

BRAIDWOOD PLANT

COMMONWEALTH EDISON COMPANY
E. SIDE OF RTE 53
BRAIDWOOD, IL 60408

LASALLE PLANT

COMMONWEALTH EDISON COMPANY
ROUTE 1
MARSEILLES, IL 61341

8411260400 841108
PDR ADOCK 05000373
S PDR

- 3) THE IDENTIFICATION OF THE FIRM WHICH SUPPLIED THE BASIC COMPONENT WHICH MAY FAIL TO COMPLY OR WHICH MAY CONTAIN A DEFECT:
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HEXCEL/MCI DIVISION
140 NORTH ORANGE AVENUE
CITY OF INDUSTRY, CA 91744

- 4) NATURE OF THE DEFECT OR FAILURE TO COMPLY AND THE SAFETY HAZARD WHICH COULD BE CREATED BY SUCH DEFECT OR FAILURE TO COMPLY:
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SOME SAMPLES RECENTLY TESTED FROM ENERGY ABSORBING PIPE RESTRAINTS FABRICATED BY HEXCEL/MCI DURING THE PERIOD 1978-1979 AND WHICH WERE ORIGINALLY SUPPLIED TO COMMONWEALTH EDISON IN ILLINOIS HAVE BEEN FOUND TO HAVE AVERAGE DYNAMIC CRUSH STRENGTH (ADCS) VALUES BELOW THE ACCEPTABLE VALUES SPECIFIED AT TIME OF MANUFACTURE. THE ACCEPTABLE RANGE FOR THIS TEST AS SPECIFIED BY COMMONWEALTH EDISON WAS 5400-7000 PSI. THE AVERAGE VALUES FOR SAMPLES WHICH WERE SUPPLIED TO HEXCEL/MCI INDICATE THAT THEY ARE WITHIN THE SPECIFICATION RANGE, HOWEVER A FEW SAMPLES WERE BELOW THE LOWER LIMIT.

THE SAFETY HAZARD WHICH MAY BE CREATED BY THE FAILURE OF SOME OF THOSE RESTRAINTS TO MEET THE ADCS VALUES IS UNCERTAIN AT THIS TIME. THE SAFETY HAZARD, IF ANY, WOULD DEPEND ON THE LOCATION, NUMBER OF RESTRAINTS AND THE ACTUAL ADCS VALUES FOR THOSE RESTRAINTS IN POSITION WHEN EVALUATED IN RELATION TO THE ANTICIPATED DESIGN REQUIREMENTS FOR SUCH RESTRAINTS CORRECTED FOR DESIGN SAFETY FACTOR.

- 5) THE DATE ON WHICH THE INFORMATION OF A POSSIBLE DEFECT OR POSSIBLE FAILURE TO COMPLY WAS OBTAINED:
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SAMPLES SUPPLIED WERE TESTED BEGINNING 10-20-84. SOME VALUES BELOW THE ORIGINAL SPECIFICATION LIMIT WERE OBSERVED AS THESE SAMPLES WERE BEING TESTED, HOWEVER, IT WAS NOT UNTIL 10-30-84 THAT PRELIMINARY TESTING WAS COMPLETED, EVALUATED AND AN ASSESSMENT MADE AS TO THE APPARENT MEANINGFULNESS OF THESE TEST RESULTS. WE THEN VERBALLY REPORTED TO YOUR OFFICE ON 11-1-84 ADVISING YOU AT THAT TIME THAT WE WOULD BE SUBMITTING A WRITTEN REPORT WITHIN 5 WORKING DAYS THEREAFTER IN ACCORDANCE WITH THE REGULATIONS.

- 6) THE NUMBER AND LOCATION OF ALL SUCH COMPONENTS IN USE AT, SUPPLIED FOR, OR BEING SUPPLIED FOR ONE OR MORE FACILITIES SUBJECT TO THE REGULATIONS IN THIS PART:
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AT THE WRITING OF THIS REPORT, WE BELIEVE THAT SUSPECT MATERIALS HAVE BEEN SUPPLIED TO THOSE LOCATIONS INDICATED UNDER 2, ABOVE. OUR INVESTIGATIONS ARE CONTINUING AND SHOULD IT BE ESTABLISHED SUBSEQUENTLY THAT OTHER LOCATIONS MAY HAVE RECEIVED SUSPECT MATERIALS WE WILL SO ADVISE THE COMMISSION.

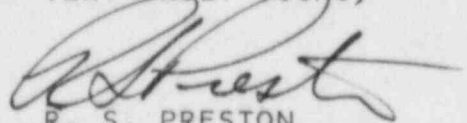
- 7) THE CORRECTIVE ACTION WHICH IS BEING AND WILL BE TAKEN; THE NAME OF THE ORGANIZATION RESPONSIBLE FOR THE ACTION AND THE LENGTH OF TIME THAT WILL BE TAKEN TO COMPLETE THE ACTION:
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HEXCEL/MCI DIVISION HAS AND WILL BE COORDINATING THE CORRECTIVE ACTION WITH COMMONWEALTH EDISON. AT THIS PHASE IN THE INVESTIGATION, HEXCEL/MCI DIVISION WILL TEST AND REPORT RESULTS TO COMMONWEALTH EDISON. HEXCEL/MCI IS PURSUING A PROGRAM OF PROVIDING REPLACEMENT MATERIALS AS REQUIRED.

SHOULD OUR ONGOING INVESTIGATION INDICATE THAT MATERIAL OTHER THAN THAT TO BE USED FOR COMMONWEALTH EDISON INSTALLATIONS MAY BE INVOLVED WE WILL SO ADVISE THE LICENSEES INVOLVED WITH THE DESIGN, SPECIFICATIONS AND USE OF SUCH MATERIAL. THE CORRECTIVE ACTIONS WE PROPOSE WILL BE THE SAME.

WE ANTICIPATE THAT WE WILL COMPLETE THE TESTING OF SAMPLES SUPPLIED ON OR ABOUT THE END OF NOVEMBER. WE ANTICIPATE THAT OUR EVALUATION OF OUR RECORDS OF ALL SUCH MATERIALS MANUFACTURED WHICH HAVE BEEN SUPPLIED TO CUSTOMERS SUBJECT TO 10CFR REGULATIONS WILL BE COMPLETED BY THE END OF NOVEMBER.

VERY TRULY YOURS,


R. S. PRESTON
DIRECTOR OF OPERATIONS

RSP:MO

