



LOGAN DIVING & SALVAGE

PRESS RELEASE

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LOGAN DIVING & SALVAGE PROVIDES DIVING SUPPORT SERVICES FOR REPAIRS TO THE USACOE JIM WOODRUFF HYDRO ELECTRIC DAM



LOGAN DIVING & SALVAGE WAS CONTRACTED TO PROVIDE SURFACE SUPPLIED PROFESSIONAL DIVING SERVICES ON THE JIM WOODRUFF DAM LOCATED NEAR CHATTAHOOCHEE, FLORIDA. JIM WOODRUFF DAM IS A HYDROELECTRIC DAM ON THE APALACHICOLA RIVER, ABOUT 1000' SOUTH OF THAT RIVERS ORIGIN AT THE CONFLUENCE OF THE FLINT AND CHATTAHOOCHEE RIVERS. THE DAM IS OPERATED AND MAINTAINED BY THE UNITED STATES ARMY CORP OF ENGINEERS, MOBILE DISTRICT.

POWER HOUSE DEWATERING PUMPS AND ANCILLARY PIPING WERE BEING REPLACED REQUIRING COFFERDAM INSTALLATION OF STRUCTURAL PENETRATIONS. SCOTT ANDERSON, PRESIDENT, LOGAN DIVING & SALVAGE, RECEIVED INITIAL INSTRUCTIONS ON SHORT NOTICE FROM THE USACOE AND PROCEEDED TO GENERATE THE REQUIRED EM-385 DIVE PLAN, JOB SAFETY ANALYSIS, DIVING PROCEDURE AND REPAIR PROCEDURE IN ELECTRONIC FORMAT WHILE ON ANOTHER PROJECT IN SAN JUAN, PUERTO RICO. RETURNING TO THE U.S. MAINLAND, MR. ANDERSON MOBILIZED EQUIPMENT TO MEET THE DIVE TEAM ON SITE CONSISTING OF SUPERVISOR; CHRIS DAVIS, DIVERS; JOSEPH ENNEKING, ADAM MOSS AND JASON MEEKS.

MECHANICAL STEEL RUBBER GASKETED COMPRESSION PLUGS WERE CHOSEN TO SEAL THE 3 SUBJECT STRUCTURAL PENETRATIONS OUTSIDE AND UNDERWATER FOR WORK INSIDE THE DAM BELOW THE WATERLINE. DIFFERENTIAL PRESSURE HAZARDS (SUCTION) TO THE DIVERS, WAS ELIMINATED BY CLOSE REVIEW OF THE STRUCTURES CONSTRUCTION DRAWINGS AND PHYSICAL INTERIOR DAM INSPECTION OF PIPING AND DRAFT TUBE CONFIGURATION IN CONJUNCTION WITH THE DAM OPERATORS AND LOGAN DIVE TEAM.

DIVING OPERATIONS WERE CARRIED IN STRICT ACCORDANCE WITH USACOE EM-385 DIVING STANDARDS IN THE PRESENCE OF THE ONSITE USACOE DIVE INSPECTOR, MOBILE DISTRICT.

UPON COMPLETION OF THE DAM'S LOCK OUT TAG OUT PROCEDURES, DIVERS FIRST INSPECTED THE PENETRATIONS, CLEANED THE AREAS, INSTALLED THE PENETRATION PLUGS, STOOD BY FOR LEAK CHECKS AND REMOVED THE PLUGS UPON INTERIOR WORK COMPLETION OVER 2 DAYS OF DIVING.

LOGAN DIVING & SALVAGE EQUIPPED ALL PENETRATION PLUGS WITH "FLOW THRU" PIPES AND VALVES TO ENABLE THE DIVERS TO OPEN THE VALVES AND EQUALIZE THE INTERIOR AIRSPACE WITH WATER PRIOR TO REMOVAL THUS ELIMINATING DIFFERENTIAL PRESSURE HAZARDS.

ALL DIVING WAS CONDUCTED SAFELY AND IN A TIMELY MANNER WITH ALL STAKE HOLDERS SATISFIED WITH THE FULLY SERVICEABLE FINAL PRODUCT.