N.C. DENR Situation Report 9 a.m. for Monday, Aug. 29, 2011

WATER QUALITY       WASTE MANAGEMENT       PARKS AND RECREATION       AQUARIUMS – R, PK, FF
REGIONAL OFFICES     AIR QUALITY            COASTAL MANAGEMENT        LAND RESOURCES
                      MARINE FISHERIES         WATER RESOURCES

WATER QUALITY
Current Issues
No reported changes overnight.

Next Actions
The DWQ Incident Command will have a phone conference this morning to discuss information from the weekend and determine next actions.

WASTE MANAGEMENT
Current Situation
- Solid Waste Section Staff will be assisting with temporary disaster debris storage sites today. Staff will be meeting and calling as necessary to provide technical assistance.
- Hyde County has asked that two sites be activated for temporary storage of disaster debris.
- John Patrone, Solid Waste Section Environmental Senior Specialist, will be at the EOC today until 5 p.m. The number for the EOC Solid Waste Desk is (919) 733-3797.

PARKS AND RECREATION
Current Situation
No new information since previous situational report.

AQUARIUMS
N.C. Aquarium on Roanoke Island
Current Situation
- Staff is arriving at the aquarium and Jennette’s Pier.
- The aquarium will open at 11 a.m.; the pier reopened today at 8 a.m.
- Cleanup at the aquarium will take place with staff picking up tree limbs, raking up pine cones and straw, and placing these items in the overflow parking area.
- Public areas will be cleaned first, with staff areas last.
- Trash cans used to catch ceiling leaks are being emptied.
- Floors are being vacuumed with wet/dry vacuum. Other areas are being cleaned.
- Many staff are still trying to get back to Dare County from western areas.

Current Priorities
- Getting the aquarium and pier operational from an exterior perspective.
- At the aquarium, continuing to check on life support for all animal welfare.
- Restoring normal operations to the public.

N.C. Aquarium on Pine Knolls Shore
Current Situation
- We remain closed to the public.
- Have completed damage assessment, significant items include downed trees, damaged asphalt shingles and the loss of sea water intake system.
- Remain on generator backup power.
Operational Priorities
- Engage tree service to deal will fallen trees
- Begin repair work to get sea water intake system operational
- Plan replacement of sea water intake pier
- Minor debris cleanup
- Should be able to reopen to the public on Monday

N.C. Aquarium at Fort Fisher
Current Situation
- All normal business operations have resumed

REGIONAL OFFICES
Washington
No new information since previous situational report.

Fayetteville
No new information since previous situational report.

Raleigh
No new information since previous situational report.

Wilmington
No new information since previous situational report.

AIR QUALITY
Current Situation
- Staff heading out this morning to check the condition of air quality monitors.
- Staff removing protective plastic from computers, printers and other electronics.

Operational Priorities
- Staff will be making an assessment of any damages to air monitors, buildings or other facilities.
- Some staff in DAQ regional offices are taking leave to deal with damage and flooding to their personal property.

COASTAL MANAGEMENT
Current Situation
- Two new inlets were cut through Hatteras Island approximately 5 miles north of Rodanthe, one about 150 feet across and the second about 450 feet across. These may join to become on inlet breach.
- The NC 12 washout near Mirlo Beach on Hatteras Island now is also a confirmed new inlet.
- An inlet breach team has already been established with DOT and has already been in contact with the Army Corps Wilmington District.
- There are additional areas along NC-12 that have pavement washout, but can likely be repaired.
- Sand is across much of NC-12 and is being pushed off. Water is also over NC-12 in many areas making it impassable. The Bonner Bridge has been cleared for driving, but is closed to the public. We should be able to get DCM personnel access if they need to head down NC-12.
- Still lots of road closures and power outages across eastern N.C.

Operational Priorities
- Work with DOT to assist with NC 12 repairs.
DCM staff will perform further damage assessments today.
DCM may request activation of Emergency General Permit.
Elizabeth City district manager will decide today if satellite DCM office is needed.

MARINE FISHERIES
Current Situation
- DMF Morehead City Offices lost power overnight and the HQ building is now on backup generator power again. Due to this, the LAN is not back up. Staff who could were told to report for normal business today, but due to the power/LAN situation may be sent back home unless they are essential.
- Hopefully reliable power will be restored later today.
- Staff on tire cleanup will muster this morning to be deployed to the Bogue Banks beaches.
- Shellfish Sanitation and Recreational Water Quality may be able to start testing waters if labs have power. The WIRO lab may be the first back online.

WATER RESOURCES
Current Status
- There are still 39 systems that are under a boil water advisory. See counties below.
- Public Water Supply staff continue to contact water systems to determine their status.
- The attached spreadsheet lists all the systems that have reported their status, except the systems that are operating normally.
## Water System Assessments 8/29/2011

Excluding normal status/no restrictions

<table>
<thead>
<tr>
<th>County</th>
<th>FWS ID</th>
<th>Water System</th>
<th>System Type</th>
<th>Status</th>
<th>Use Restriction</th>
<th>Comments</th>
<th>Population</th>
<th>Address Contact</th>
<th>Address Phone</th>
<th>Date Updated</th>
<th>Completed By</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEAUFORT</td>
<td>NC407090</td>
<td>AURORA WATER SYSTEM</td>
<td>COMMUNITY</td>
<td>Operating on backup power</td>
<td>None</td>
<td>No pressure loss. Emergency generator providing power</td>
<td>573</td>
<td>KADOME, TERRI</td>
<td>252-322-5238</td>
<td>8/28/2011</td>
<td>Harris Bailey</td>
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<tr>
<td>BEAUFORT</td>
<td>NC407096</td>
<td>BEAUFORT CO NORTHSIDE REGIONAL</td>
<td>COMMUNITY</td>
<td>Need Bacti and Clorox to clear advisory</td>
<td>Ball Water Advisory</td>
<td>Likely line break in Rossomolka area has drained the Rossomolka ESI. That section of system has been isolated. Loss of Pressure advisories is to be distributed to affected customers. 95% of system is unaffected.</td>
<td>19,893</td>
<td>KITT, CURTIS</td>
<td>252-975-0733</td>
<td>8/28/2011</td>
<td>Harris Bailey</td>
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<tr>
<td>BEAUFORT</td>
<td>NC407094</td>
<td>BEAUFORT CO SOUTHSIDE</td>
<td>COMMUNITY</td>
<td>Need Bacti and Clorox to clear advisory</td>
<td>Ball Water Advisory</td>
<td>Parts of system without pressure have been isolated from rest of system. Two emergency generators are to be deployed from ORS. Use of Pressure Advisories is to be distributed to affected customers as notification by TV and radio. Still searching for probable line breaks.</td>
<td>9,032</td>
<td>KITT, CURTIS</td>
<td>252-975-0733</td>
<td>8/28/2011</td>
<td>Harris Bailey</td>
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<td>BEAUFORT</td>
<td>NC407097</td>
<td>BATH HARBOR WATER SYSTEM</td>
<td>COMMUNITY</td>
<td>Operating on backup power</td>
<td>None</td>
<td>Units Greatly exceed to ascertain conditions in surrounding area.</td>
<td>1,963</td>
<td>JAYNE, DONNY</td>
<td>252-943-2044</td>
<td>8/28/2011</td>
<td>Harris Bailey</td>
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<tr>
<td>BEAUFORT</td>
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<td>BATH HARBOR WATER SYSTEM</td>
<td>COMMUNITY</td>
<td>Operating on backup power</td>
<td>None</td>
<td>Units Greatly exceed to ascertain conditions in surrounding area.</td>
<td>1,963</td>
<td>JAYNE, DONNY</td>
<td>252-943-2044</td>
<td>8/28/2011</td>
<td>Harris Bailey</td>
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<tr>
<td>BEAUFORT</td>
<td>NC407092</td>
<td>CHOCOVINITY WATER SYSTEM</td>
<td>COMMUNITY</td>
<td>Operating on backup power</td>
<td>None</td>
<td>Unlikely line break to provide water to the Beaufort County Shackleford water system.</td>
<td>2,880</td>
<td>HUDOCK, JEFF</td>
<td>252-946-6348</td>
<td>8/28/2011</td>
<td>Harris Bailey</td>
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<tr>
<td>BEAUFORT</td>
<td>NC407093</td>
<td>DOWNY CREEK MARINA</td>
<td>TRANSIENT-NON-COMMUNITY</td>
<td>Operating on backup power</td>
<td>None</td>
<td>Other Private Explanation</td>
<td>252</td>
<td>KAPPENICH, MARY</td>
<td>252-943-2798</td>
<td>8/28/2011</td>
<td>Harris Bailey</td>
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<tr>
<td>BEAUFORT</td>
<td>NC407099</td>
<td>PCS FOSPHATE CENTRAL MARIT</td>
<td>COMMUNITY</td>
<td>Need Bacti and Clorox to clear advisory</td>
<td>Ball Water Advisory</td>
<td>Well may have been flooded. Ball water advisory circulated. System will sample well and distribution system for back.</td>
<td>489</td>
<td>SMITH, ROSS</td>
<td>252-322-8283</td>
<td>8/28/2011</td>
<td>Harris Bailey</td>
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<tr>
<td>BEAUFORT</td>
<td>NC407100</td>
<td>PCS FOSPHATE MIL OFFICE</td>
<td>COMMUNITY</td>
<td>Need Bacti and Clorox to clear advisory</td>
<td>Ball Water Advisory</td>
<td>Lonngth. Both tank. No loss of pressure</td>
<td>110</td>
<td>SMITH, ROSS</td>
<td>252-322-8283</td>
<td>8/28/2011</td>
<td>Harris Bailey</td>
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<td>BEAUFORT</td>
<td>NC407102</td>
<td>PCS FOSPHATE DISTRIBUTION SERV</td>
<td>TRANSIENT-NON-COMMUNITY</td>
<td>Operating on backup power</td>
<td>None</td>
<td>Lonngth. Both tank. No loss of pressure</td>
<td>110</td>
<td>SMITH, ROSS</td>
<td>252-322-8283</td>
<td>8/28/2011</td>
<td>Harris Bailey</td>
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<td>BEAUFORT</td>
<td>NC407101</td>
<td>PCS FOSPHATE TRAMWAY</td>
<td>COMMUNITY</td>
<td>Operating on backup power</td>
<td>None</td>
<td>Lonngth. Both tank. No loss of pressure</td>
<td>280</td>
<td>SMITH, ROSS</td>
<td>252-322-8283</td>
<td>8/28/2011</td>
<td>Harris Bailey</td>
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<tr>
<td>BEAUFORT</td>
<td>NC407108</td>
<td>RIVER FOREST MANDE</td>
<td>TRANSIENT-NON-COMMUNITY</td>
<td>Operating on backup power</td>
<td>None</td>
<td>Interconnected with Town of Bathwater due to loss of power and damage to booster tanks. No loss of pressure</td>
<td>65</td>
<td>MOORE, REBECCA</td>
<td>252-943-2151</td>
<td>8/28/2011</td>
<td>Harris Bailey</td>
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<tr>
<td>BEAUFORT</td>
<td>NC407109</td>
<td>RUSKIN, CITY OF</td>
<td>COMMUNITY</td>
<td>Operating on backup power</td>
<td>None</td>
<td>System is without power and lost pressure.</td>
<td>12,473</td>
<td>HUNTING, STEPHAN, SARAH</td>
<td>252-975-0733</td>
<td>8/28/2011</td>
<td>Harris Bailey</td>
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<tr>
<td>BEAUFORT</td>
<td>NC407113</td>
<td>BANNET'S MHP</td>
<td>COMMUNITY</td>
<td>No Power</td>
<td>Ball Water Advisory</td>
<td>System is without power and lost pressure.</td>
<td>270</td>
<td>WHITLEY, ROBERT</td>
<td>252-975-6300</td>
<td>8/28/2011</td>
<td>Harris Bailey</td>
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<tr>
<td>BEAUFORT</td>
<td>NC408883</td>
<td>SUMMERSVILLE, TOWN OF</td>
<td>COMMUNITY</td>
<td>Need Bacti and Clorox to clear advisory</td>
<td>Ball Water Advisory</td>
<td>System is without power and lost pressure.</td>
<td>7,705</td>
<td>JAGGERY, KICKY</td>
<td>252-794-4427</td>
<td>8/28/2011</td>
<td>Michael Douglas</td>
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<tr>
<td>BEAUFORT</td>
<td>NC408881</td>
<td>BERTIE COUNTY REGIONAL WATER</td>
<td>COMMUNITY</td>
<td>Operating on backup power</td>
<td>None</td>
<td>System is without power and lost pressure.</td>
<td>10,763</td>
<td>SGIVY, BR, ROYDIE &amp;</td>
<td>252-794-4427</td>
<td>8/28/2011</td>
<td>Michael Douglas</td>
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<tr>
<td>BEAUFORT</td>
<td>NC408889</td>
<td>CLEARWATER VALLEY WATER ASSOC</td>
<td>COMMUNITY</td>
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<td>Ball Water Advisory</td>
<td>System is without power and lost pressure.</td>
<td>66</td>
<td>SCULPIN, WILLIAM, ERIE</td>
<td>252-794-3231</td>
<td>8/28/2011</td>
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<tr>
<td>BEAUFORT</td>
<td>NC408888</td>
<td>DUNDEE, TOWN OF</td>
<td>COMMUNITY</td>
<td>No Power</td>
<td>Ball Water Advisory</td>
<td>System is without power and lost pressure.</td>
<td>799</td>
<td>ROBELL, THOMAS</td>
<td>252-322-5230</td>
<td>8/28/2011</td>
<td>Michael Douglas</td>
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<tr>
<td>BRUNSWICK</td>
<td>NC702015</td>
<td>CHADWICK MHP</td>
<td>COMMUNITY</td>
<td>Need Bacti and Clorox to clear advisory</td>
<td>Ball Water Advisory</td>
<td>System is without power and lost pressure.</td>
<td>60</td>
<td>CHADWICK, KLAIRA</td>
<td>910-371-3773</td>
<td>8/20/2011</td>
<td>Dave Williams</td>
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<tr>
<td>BRUNSWICK</td>
<td>NC702010</td>
<td>THE VILLAGE OF BAG HEAD ISLAN</td>
<td>COMMUNITY</td>
<td>Need Bacti and Clorox to clear advisory</td>
<td>Ball Water Advisory</td>
<td>System is without power and lost pressure.</td>
<td>2,443</td>
<td>ROWE, KENNETH</td>
<td>910-457-7251</td>
<td>8/27/2011</td>
<td>Dave Williams</td>
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<tr>
<td>SWANSON</td>
<td>NC697223</td>
<td>NORTH RIVER CAMPGROUND</td>
<td>TRANSIENT-NON-COMMUNITY</td>
<td>Operating on backup power</td>
<td>None</td>
<td>System is without power and lost pressure.</td>
<td>133</td>
<td>MCDANIEL, ELTON</td>
<td>252-322-4414</td>
<td>8/28/2011</td>
<td>Harris Bailey</td>
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<tr>
<td>CAMDEN</td>
<td>NC694555</td>
<td>SOUTH CAMDEN WRT &amp; SWR DISTRICT</td>
<td>COMMUNITY</td>
<td>Operating on backup power</td>
<td>None</td>
<td>System is without power and lost pressure.</td>
<td>4,795</td>
<td>MIDDLE, DAVID</td>
<td>252-207-4947</td>
<td>8/28/2011</td>
<td>Michael Douglas</td>
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<tr>
<td>CAMDEN</td>
<td>NC694559</td>
<td>SWANSON WATER TOWN OF</td>
<td>COMMUNITY</td>
<td>Operating on backup power</td>
<td>None</td>
<td>System is without power and lost pressure.</td>
<td>4,795</td>
<td>MIDDLE, DAVID</td>
<td>252-207-4947</td>
<td>8/28/2011</td>
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<tr>
<td>CARTERET</td>
<td>NC691312</td>
<td>KIICLE MHP</td>
<td>COMMUNITY</td>
<td>No Power</td>
<td>Ball Water Advisory</td>
<td>System is without power and lost pressure.</td>
<td>113</td>
<td>KETCHAM, DONNY</td>
<td>252-222-4943</td>
<td>8/28/2011</td>
<td>Harris Bailey</td>
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</tbody>
</table>
Spoke provide status the LENOIR NC0454476 TIDEWATER TRANSIT COMPANY TRANSIENT COMMUNITY Unknown Other

Explanation -

4103 8/28/2011 Water Advisory 60 AYERS, JAY 252

CAMPGROUND TRANSIENT COMMUNITY

332 8/27/2011 Water Advisory 99 WADDELL, POINT WILLIAM 252

Bacti to Water System currently has no power. Loss of pressure advisory will be issued instructing residents to boil water since water is restored. Per system owner. Currently no residents are at MW due to power outage. Coliform samples will be collected. Restored 4:47pm. Samples will be collected Monday.

13:23 8/28/2011 Water Advisory 122 MCLEAN, FRED 252

Service restoring Monday. Another system on standby.


System lost primary electrical power, but did not lose system pressure. System is currently on standby.

320 8/28/2011 Water Advisory 559 BROWN, MARTHA 252

Service restoring Monday. Another system on standby.

252 8/28/2011 Water Advisory 221 HOGGEN, MARY 253

System lost primary electrical power, but did not lose system pressure. System is currently on standby.

252 8/28/2011 Water Advisory 24 ROBBINS, JERRY 252

System lost primary electrical power, but did not lose system pressure. System is currently on standby.

122 8/28/2011 Water Advisory 11:10 DOUGLAS, ALLEN 252

System lost primary electrical power, but did not lose system pressure. System is currently on standby.

Water Advisory 60 AYERS, JAY 252

CAMPGROUND TRANSIENT COMMUNITY

332 8/27/2011 Water Advisory 99 WADDELL, POINT WILLIAM 252

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252 8/28/2011 Water Advisory 24 ROBBINS, JERRY 252

System lost primary electrical power, but did not lose system pressure. System is currently on standby.

122 8/28/2011 Water Advisory 11:10 DOUGLAS, ALLEN 252

System lost primary electrical power, but did not lose system pressure. System is currently on standby.
<table>
<thead>
<tr>
<th>COUNTY</th>
<th>COMMUNITY</th>
<th>Status</th>
<th>Backup Power</th>
<th>Phone Number</th>
<th>Contact Name</th>
<th>Phone Number 2</th>
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</thead>
<tbody>
<tr>
<td>PAMLICO</td>
<td>NC0469020</td>
<td>B大战</td>
<td>On backup power</td>
<td>none</td>
<td>8,500</td>
<td>Michael Douglas</td>
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<tr>
<td>PAMLICO</td>
<td>NC0469025</td>
<td>B大战</td>
<td>On backup power</td>
<td>none</td>
<td>8,500</td>
<td>Michael Douglas</td>
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<td>PASCOE</td>
<td>NC0470035</td>
<td>B大战</td>
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<td>HENDERSON</td>
<td>NC0701518</td>
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<td>8,500</td>
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<td>HENDERSON</td>
<td>NC0701517</td>
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<td>8,500</td>
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<td>HENDERSON</td>
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<td>8,500</td>
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<td>HENDERSON</td>
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<td>B大战</td>
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<td>HENDERSON</td>
<td>NC0701514</td>
<td>B大战</td>
<td>On backup power</td>
<td>none</td>
<td>8,500</td>
<td>Michael Douglas</td>
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<td>PERQUIMANS</td>
<td>NC0472025</td>
<td>B大战</td>
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<td>none</td>
<td>8,500</td>
<td>Michael Douglas</td>
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<td>PITT</td>
<td>NC0474030</td>
<td>B大战</td>
<td>On backup power</td>
<td>none</td>
<td>8,500</td>
<td>Michael Douglas</td>
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<td>PITT</td>
<td>NC0474035</td>
<td>B大战</td>
<td>On backup power</td>
<td>none</td>
<td>8,500</td>
<td>Michael Douglas</td>
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<td>PITT</td>
<td>NC0474055</td>
<td>B大战</td>
<td>On backup power</td>
<td>none</td>
<td>8,500</td>
<td>Michael Douglas</td>
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<td>TYRRELL</td>
<td>NC0489015</td>
<td>B大战</td>
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<td>none</td>
<td>8,500</td>
<td>Michael Douglas</td>
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<td>WASHINGTON</td>
<td>NC0494010</td>
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<td>none</td>
<td>8,500</td>
<td>Michael Douglas</td>
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<td>WAYNE</td>
<td>NC0496555</td>
<td>B大战</td>
<td>On backup power</td>
<td>none</td>
<td>8,500</td>
<td>Michael Douglas</td>
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<td>WILSON</td>
<td>NC0498010</td>
<td>B大战</td>
<td>On backup power</td>
<td>none</td>
<td>8,500</td>
<td>Michael Douglas</td>
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</table>