

ISSUES REMAIN AT FUKUSHIMA

Huge volume of contaminated water may swamp plant workers

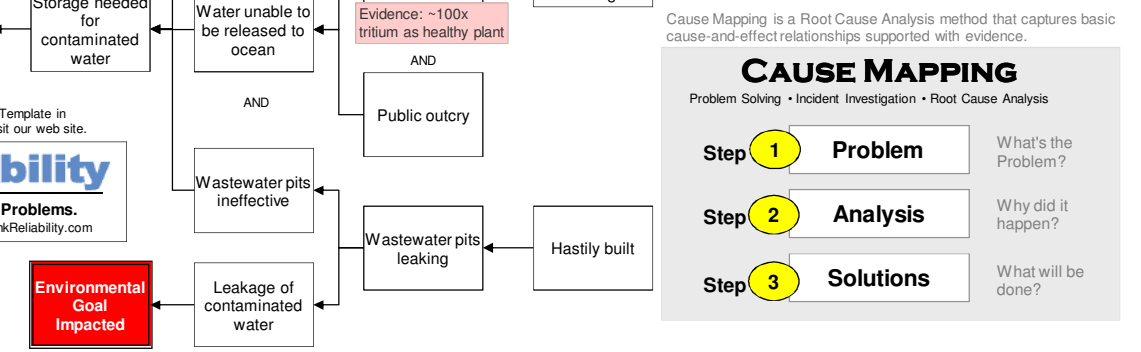
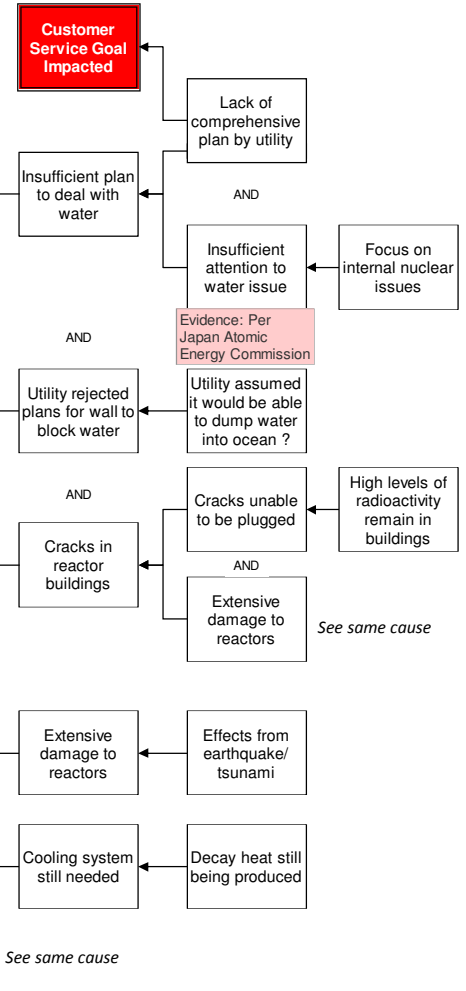
"There is concern that we cannot prevent another accident."
 Shunichi Tanaka
 Chairman of the Nuclear Regulatory Authority

"Fixing this mess that we made is the only way we can regain the faith of society."
 Masayuki Ono, Spokesman for the utility that owns the plant

More Detailed Cause Map

Add detail as information becomes available.

Cause Map



1 Problem

What	Problem(s)	Huge volume of contaminated water
When	Date	Ongoing since disaster in 2010
Where	Different, unusual, unique	Groundwater entry at ~75 gallons/minute
	State, city	Fukushima, Japan
	Facility, site	Daiichi nuclear power plant
	Task being performed	Decontamination & shutdown

Impact to the Goals

Safety	Risk of another accident
Environmental	Leakage of contaminated water
Customer Service	Lack of comprehensive plan by utility
Production-Schedule	N/A
Property, Equip, Mtls	Construction of water storage tanks
Labor, Time	Work to contain radioactive water

Frequency	First time known for this kind of issue
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2 Analysis

Basic Level Cause Map

Start with simple Why questions.

Basic Cause-and-Effect

High levels of contaminated water leaving the highly damaged reactors at the Fukushima Daiichi nuclear power plant in Japan are creating issues for the personnel on site, who are working frantically to keep the reactor safe and working toward decommissioning and closing down the site. Additionally, there is a continued concern for the ongoing safety of the site, as the high volume of water could potentially threaten the safety of the reactors.

Why?

Start with the Goals (in red) that have been impacted. Read the map to the right by asking Why questions.

For a free copy of our Root Cause Analysis Template in Microsoft Excel, used to create this page, visit our web site.

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CAUSE MAPPING

Problem Solving • Incident Investigation • Root Cause Analysis

Step 1	Problem	What's the Problem?
Step 2	Analysis	Why did it happen?
Step 3	Solutions	What will be done?