







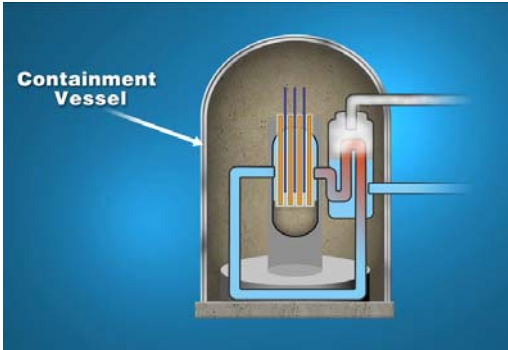
the.News



Anniversary of Three Mile Island





4/14/2011



1.		Animated Open	
2.	 <p>March 2011</p> <p><i>Fukushima Daiichi Power Plant, Japan</i></p>	<p>Narration: I'm Antonio Neves for the Dot News. Technicians and nuclear engineers are still battling to control the three Nuclear Reactors there were damaged by the 9.0 Earthquake and subsequent tsunami that rocked northern Japan in March. Radiation leaking from the Fukushima Nuclear Complex has contaminated the air, water and ground around the plant.</p>	00:05
3.	 <p>Eric Epstein Chairman Three Mile Island Alert</p>	<p>Eric Epstein: <i>A nuclear accident is a fluid event. There is a start point, but there is no end. You don't wake up from this nightmare.</i></p>	00:27
4.		<p>Narration: Eric Epstein heads the citizens group TMI Alert. Along with state and the plant operators, it continues to monitor for radiation at the site of the worst nuclear accident on US soil --- at the Three Mile Island power plant near Middletown Pennsylvania.</p>	00:33

5.		<p>Epstein: <i>One of the common threads you'll see between TMI, Chernobyl and what's happening in Japan is that there is a sense of helplessness in all those communities that they are not getting quality information on a real time basis and they need that information to make important decisions.</i></p>	00:50
6.		<p>Narration: There are 104 operating nuclear reactors in the United States. The lead federal agency watching over them is the Nuclear Regulatory Commission.</p>	01:04
7.	 <p><i>Diablo Canyon Power Plant, California</i></p>	<p>Narration: The NRC also keeps track of operations at plants worldwide. It has experts in Japan assisting and studying the accident. It also investigated the accident at Chernobyl in The Ukraine in 1986. An explosion and fire at the plant killed 31 workers, and spread radiation over much of the Northern Hemisphere. Until the crisis in Japan it was considered the worst nuclear accident in History.</p>	01:14
8.		<p>Narration: In march the NRC announced it was launching a review of all nuclear operations in the U.S.</p>	01:42

9.	 <p>March 2011</p> <p>William Borhardt Exec. Director for Operations U.S. Nuclear Regulatory Comm.</p>	<p>Bill Rorhardt Executive Director for Operations <i>Nuclear Regulatory Commission</i> <i>This review will evaluate all the currently available information from the Japanese event, to identify immediate or near term operational or regulatory issues, potentially affecting any of the 104 operating reactors including their spent fuel pools.</i></p>	01:48
10.	 <p>Ralph DeSantis Communications Manager Three Mile Island</p>	<p>Ralph Desantis Three Mile Island <i>Obviously we do not get tsunamis here and that's what caused the problem in Japan, but we have to protect the plants from floods and earthquakes. And we've re-verified that all our procedures and systems are in great working order so we feel very confident about our ability to protect the public.</i></p>	02:04
11.	 <p>Containment Vessel</p> <p><i>Sample Containment Vessel</i></p>	<p>Narration: Ralph Desantis is the spokesperson for the Three Mile Island Nuclear Power Plant in Middletown Pennsylvania. Thirty two years ago a mechanical problem, compounded by human error, lead to a release of radioactive steam, an explosion in the containment vessel, and a partial meltdown of the reactor core – that's the area where the atomic energy is generated. The containment vessel – layers of metal and concrete- keep most of the radiation from spreading.</p>	02:20

12.		<p>On Camera: <i>Behind me is Three Mile Island's Unit Two. Today it remains sealed but it's still monitored for radiation levels.</i></p>	02:48
13.		<p>Narration: It took 14 years to clean up the most hazardous waste from the accident. But almost immediately federal, state and local officials began putting new procedures into place.</p>	02:57
14.	 <p><i>TMI Control Room Replica</i></p>	<p>Narration: This room is an exact replica of the control room at the Three Mile Island plant. While Unit Two is sealed, Unit one continues to generate power. And the operators train one week out of every six – running through simulations of different problems.</p>	03:08
15.		<p>Desantis <i>Well we have procedures for just about everything we do here. So if something happens in the plant, say a pump stops operating we have a procedure that says here is the backup pump that you should start up, here's what people should do. //We have automatic shutdown systems, we have backup systems, and it's all intended for public health and safety.</i></p>	03:24

16.	 <p>Middletown ★ Three Mile Island</p>	<p>Narration: Three miles from the Three Mile Island plant is the town of Middletown. During the accident in 1979 the area was evacuated. Today most people there seem indifferent about the plant – the city council calls the operation a good neighbor.</p>	03:46
17.	 <p>Darryl McLamb</p>	<p>Darryl McLamb <i>No I really don't have any concerns. Usually whenever something like that happens it makes them tighten up and take more precautions. I was here in 1979 when TMI had its problems, actually worked at TMI at one point so I'm not really concerned.</i></p>	04:01
18.	 <p>Nicholas Hotsetter</p>	<p>Nicholas Hostetter <i>Well they do have lots of plans. I know that at the beginning of each school year they tell us that if there ever was an accident they'd move us to an area near Redding, or in Redding and they do have special pills that we'd take and lots of precautions. They just have it all thought out.</i></p>	04:19
19.	 <p>Cheryl Templin</p>	<p>Cheryl Templin <i>I have a few concerns but like everything else, there's a chance you know in everything you do. It's just day-to-day living.</i></p>	04:36

20.	 <p style="text-align: center;"><i>TMI Evacuation Routes</i></p>	<p>Narration: The state and city governments publish updated evacuation plans and the private group TMI Alert has been monitoring the area for more than 20 years.</p>	04:49
21.		<p>Epstein: <i>The commitment we made to our community after the accident is we're not going to be held hostage to the government or the industry for information. We're not gonna be a victim, we're gonna be proactive so we constructed a real time radiation mentoring system. We monitor every ten minutes around TMI.</i></p>	04:59
22.		<p>Narration: While it is too soon to know the full damage from the nuclear crisis in Japan, Eric Epstein says the lesson from Three Mile Island is that nuclear accidents leave a legacy lasting generations.</p>	05:14
23.	 <p style="text-align: center;"><i>Three Mile Island</i></p>	<p>Epstein <i>TMI Unit 2 is still a high level radioactive waste site on an island in a river that empties into the most productive estuary in North America, the Chesapeake Bay. That accident began in the 20th Century, may not end until the 22nd Century.</i></p>	05:26
24.		<p>Narration: I'm Antonio Neves for the Dot news.</p>	5:39